

gained in pupils. Much improvement remains to be effected as regards attendance.

There was an increase of Rs. 5,974 in expenditure from public funds, but the receipts from local sources decreased by Rs. 39,065, the net decrease in the expenditure during the year under review as compared with that of 1898-99 being Rs. 33,091.

The only two girls' schools maintained by Government are the Bethune Collegiate School in Calcutta and the Eden Female School in Dacca. Mention has already been made of the good work done by the Bethune School. From the Eden Female School three girls appeared at the last Entrance examination, all of whom passed. The total number of girls who passed the modified Middle English, Middle Vernacular, Upper Primary and Lower Primary examinations for boys in the year under review was 2, 16, 57, and 915 as against 3, 22, 108, and 827 in the previous year, respectively. At the higher examinations—Middle and Upper Primary—the number of passes was much smaller, though the passes by the Lower Primary standard increased by 88, or 10 per cent. On this subject Mr. Pedler remarks:—

This indicates to how low a standard female education in Bengal usually only rises, and it would appear that the time has apparently not yet come in Bengal when we may expect to see any increase in the number of native girls passing at the examinations above the Upper Primary standard; and we must rest satisfied at present with the small number of girls passing either the Upper or Lower Primary examination, until the people generally (specially of the middle class) renounce their prejudice against the attendance of their daughters in school after they reach the age of about 11 or 12 years, or until, perhaps, a still deeper social change is brought about, namely, that of a distinct increase in the age at which girls are married in Bengal, for, as is well known, female children frequently begin their studies for the higher examinations, say for the Middle or Upper Primary standard, but before they are able to complete the course, they are removed from school to be married, and practically at once cease to attend school.

Out of 4,513 pupils examined by Mrs. Wheeler, the Inspectress of Girls' Schools, in and out of Calcutta during her visits to schools *in situ*, 3,594 passed. Examinations in the Calcutta standards for girls' schools, which have been adopted by girls' schools in some mufassal districts, were held also at convenient centres in the districts of the 24-Parganas, Nadia, Midnapore, Murshidabad, Burdwan, Hooghly, Dacca, and Backergunge. In the year under review the number of candidates at these examinations rose from 715 to 736. The number of passes also increased from 457 to 478. At the Female Teachership examination, which was held simultaneously with these examinations in girls' standards, 7 passed by the senior and 11 by the junior standard as against 8 and 6, respectively, of the previous year.

40. *Education of Europeans.*—The following table shows the number of Government, aided and unaided schools in Bengal for Europeans and the number of pupils attending them for the last two years:—

CLASS.		31ST MARCH 1899.				31ST MARCH 1900.			
		Number of schools.	NUMBER OF SCHOLARS.			Number of schools.	NUMBER OF SCHOLARS.		
			Boys.	Girls.	Total.		Boys.	Girls.	Total.
1		2	3	4	5	6	7	8	9
Secondary schools.	{ Government	2	155	73	227	2	138	76	214
	{ Aided	40	2,523	2,513	5,036	42	2,793	2,696	5,489
	{ Unaided	12	1,307	386	1,693	12	1,417	449	1,866
	Total ...	54	3,987	2,971	6,958	56	4,348	3,221	7,569
Primary schools.	{ Aided	18	427	505	932	18	389	411	800
	{ Unaided	3	30	15	45	2	23	6	29
	Total ...	21	457	520	977	20	412	417	829
	Total ...	75	4,444	3,491	7,935	76	4,760	3,638	8,398
Government schools		2	155	73	227	2	138	76	214
Aided schools		58	2,952	3,018	5,970	60	3,182	3,107	6,289
Unaided schools		15	1,337	401	1,738	14	1,440	455	1,895
GRAND TOTAL OF ALL SCHOOLS ...		75	4,444	3,491	7,935	76	4,760	3,638	8,398

The total number of Government schools remained unchanged, while the aided schools increased in number by 2, and unaided schools decreased by 1.

The Government schools at Kurseong show a decrease of 17 pupils, while the aided and unaided schools show an increase of 319 and 157 pupils, respectively; the total increase being 463 as against a decrease of 285 in the preceding year. The total cost of European education was Rs. 14,37,929 as against Rs. 14,85,737 in 1898-99, of which Government contributed Rs. 2,33,075, as compared with Rs. 2,22,767 in the previous year. The number of candidates from European schools who appeared for the University Entrance examination was 32, of whom 16 were successful, the corresponding figures for last year being 26 and 10. Most of these candidates were sent up by unaided schools, which admit a large number of non-European pupils. The Lieutenant-Governor observes that no candidates appeared at the High School Honours examination, except one girl, who was unsuccessful. During the year satisfactory progress has been made in the Kindergarten Department of the Welland Memorial School, and new classes were also opened in the Pratt Memorial and the Calcutta Free Schools. The Lieutenant-Governor notices with pleasure that a beginning has at last been made to promote technical education for girls. A domestic science and cookery class was opened in the Dow Hill Girls' School, Kurseong, and at St. Helen's School, Kurseong, instruction is given in general house-management, gardening, sick-nursing, and needle-work in various branches. The proposals, commented on in last year's resolution, to provide separate ranges for rifle practice and better rifles to the Cadet volunteer corps, are still pending a decision on the main question of the general re-armament of volunteers.

41. *Muhammadian Education*.—The number of Muhammadian pupils was 463,343, or 2·4 per cent. more than last year, the increase being confined almost wholly to public institutions.

The number of Muhammadian candidates successful in the University examinations increased by 1,267. The number of passes in the M.A., B.A., F.A., and Entrance examinations was 337 in the year under review as compared with 296 in the previous year. In the number of successful candidates in the Middle Scholarship examination, there was a decrease of 21, and in the Lower Primary Scholarship examination an increase of 1,443. It is gratifying that 10 Muhammadian girls in the Chittagong Division and three in the Chota Nagpur Division passed the Lower Primary Scholarship examination. The Lieutenant-Governor shares the Director's hope that this success is indicative of further advancement in Muhammadian education in those localities, and trusts that the slight improvement noticed in this year's report may be the precursor of real advance in the near future.

42. *Education of aborigines*.—The total number of aboriginal pupils was 35,605, showing an increase of 1,339 pupils over the figures of last year, which is shared by all classes of schools, both public and private. The largest increase of pupils took place in the Chota Nagpur Division, where the efforts of the several Christian agencies at work have contributed greatly to the spread of education amongst the aboriginal classes.

The total number of passes in all the examinations increased from 570 to 834, but these were chiefly confined to the Lower Primary Scholarship examination.

43. *Private Institutions*.—There are a large number of private institutions which do not conform to the prescribed standards of instruction, but follow merely the old indigenous system of teaching. These are the elementary schools for reading and writing, Sanskrit *tols* and *maktabs* for teaching the Koran or Arabic and Persian. The number of these schools and that of the pupils attending them during the last two years are shown below :—

			1898-99.	1899-1900.
Schools	...	...	11,078	10,762
Pupils	...	...	122,542	121,577

The above figures show a net loss of 316 schools and 965 pupils.

44. *Sanskrit Tols*.—The number of candidates for the first and second Sanskrit examinations rose from 2,587 to 2,771, and the percentage of passes from 21 to 33. The number of candidates for the title examinations rose from 119 to 147. In all 53 candidates passed, 33 in Sanskrit literature

alone. There has been an increase in examinees since 1897, testifying to a revival of interest in Sanskrit literature.

As Sanskrit *tols* form a distinctive class of special schools, the Lieutenant-Governor approves of the Director of Public Instruction's suggestion to class the *tols* together in future reports and to separate from them altogether the miscellaneous institutions generically brought together under the head of "other schools."

45. *Central Text-Book Committee.*—Sir John Woodburn has noticed with pleasure the Director's appreciative remarks on the excellent work done for many years by Mr. Justice Gurudas Banerji in his capacity as President of the Central Text-Book Committee, the constitution of which has recently been modified.

46. *Conclusion.*—The Lieutenant-Governor thanks Mr. Pedler for his able administration of this important department during the past year and for his clear and interesting report. During the year under review, the Conference of Educational Officers, the question of remodelling the system of vernacular education, and other measures of equal importance claimed a large share of the Director's attention, and Sir John Woodburn takes this opportunity of placing on record his obligation to Mr. Pedler for the circumspect and thorough manner in which he dealt with each of the questions that came under his consideration.

The Lieutenant-Governor's thanks are also due to the Principals, Professors, Inspectors, Assistant Inspectors, the Personal Assistant to the Director and other officers who have been specially mentioned.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACKE,

Secretary to the Govt. of Bengal.

QUESTIONS DRAWN UP BY THE FAMINE COMMISSION OF 1900-1901.

No. 162.—The 8th January 1901.—The following questions drawn up by the Famine Commission appointed by the Government of India in the Revenue and Agricultural Department Resolution No. 11—294-3, dated the 20th December 1900, are published for general information.

F. A. SLACKE,
Secy. to the Govt. of Bengal.

QUESTIONS.

INTRODUCTORY.

1. What was the outlook in your district when the rains of 1899 commenced? What had been the character of the harvests in the two preceding years?
2. Were the *kharif* sowings up to normal? If not, what percentage of the normal cultivated area was sown? Please state briefly how the normal cultivated area was arrived at.
3. (a) What is the average rainfall of your district during the rainy season? (b) What was the actual rainfall in the rainy season of 1899 and what percentage of the average did it represent? (c) When did the rains cease? and (d) What was the distribution of the rainfall from June to September (both inclusive) compared with the average?
4. What percentage of a normal harvest on a normal cultivated area did the actual *kharif* harvest of 1899 represent?
5. What percentage of the total population of your district depends exclusively on agriculture—
 - (a) as petty cultivators?
 - (b) as labourers?

PRELIMINARY ACTION.

6. Was the necessity of relief assumed from the fact of crop failure or was proof of necessity required by compliance with tests?
7. What were the observed facts which led you to think that the machinery of relief should be set in motion?
8. What particular relief measures did you first undertake? and what tests were applied to gauge the extent of the distress?
9. How were you prepared to meet famine?—(a) Were lists of relief works ready, had the works on that list been actually located, and had surveys and estimates of cost been made out beforehand? (b) Did the relief programme include scales of establishment necessary to meet any emergency? and were lists of candidates qualified for famine service kept up?
10. Did the relief programme contemplate large public works or small village works as the backbone of the relief system? If the former, was a programme of village works ready in reserve from the beginning?
11. In the sequence of relief measures, what place was taken by the following:—
 - (a) Test works,
 - (b) Poor-houses,
 - (c) Kitchens { (i) on works,
(ii) elsewhere,
 - (d) organisation of private charity, especially in towns,
 - (e) opening the Government forests?
12. What system of local inspection and control was instituted and at what period—
 - (a) to arrange for village relief,
 - (b) to stimulate the local employment of labour,
 - (c) to organise local charity,
 - (d) to observe the general condition of the people?
13. Were loans issued at the outset? If so, to what extent, under what Act, under what conditions, to what classes and for what objects? Were they recoverable in whole or in part?
14. Can irrigation wells be made in your district or any portion of it? What was the average depth below the surface of water on the cessation of the rains in 1899? Was the digging of wells encouraged by loans, and, if so, were they successful—
 - (a) in securing the crop on the ground,
 - (b) as a permanent improvement,
 - (c) as a temporary measure to employ labour?

15. If labour was the first criterion of the need for relief, what works were first undertaken? Were they ordinary works under district or local board? and under whose supervision were they conducted?

16. What tasks were exacted on test works, and was the same task taken from every one irrespective of sex and previous occupation?

17. Was payment in strict proportion to results? Was there a maximum wage, a minimum wage, a rest-day allowance or an allowance to dependants?

18. What circumstances induced the conversion of test works into regular relief works?

LARGE PUBLIC WORKS.

19. When it had been decided to open regular relief works, what works were first opened: large public works or small village works?

20. Under whose control were these works? Had the scale of supervising establishment been prescribed in advance, and was that establishment ready? Was there any delay in opening the works? Were tools and plant available?

21. Were the works divided into charges, and, if so, for what maximum number of workers did the charge provide? Was that maximum ever exceeded? and, if so, what steps were taken to relieve the pressure?

22. Had each charge its own establishment? If so, please give that establishment in detail. What, if any, arrangements had been prescribed beforehand for hutting or sheltering the people; for conservancy or sanitation; for water-supply; for food-supply; and for medical conveniences and supervision?

23. Was admission to the works free to all persons ready to submit to the labour test, or was any system of selection (*e.g.*, by tickets) tried at the commencement? Was a distance test of any kind insisted on and was residence on the works compulsory?

24. On the facts that came to your notice, what is your opinion as to the area or population which a large public work, capable of entertaining two charges of 5,000 persons each, may be expected to serve? What distance from their homes did applicants for relief go?

25. Were officers of the Department of Public Works subordinate to the Civil authorities in all matters? If not, please specify the matters in which they were independent.

26. Was there a Civil officer for each charge; from what class was he taken; what salary did he receive; and what was his position with reference to the local representatives of the Public Works Department?

Had the Civil officer in charge full authority to assure himself that measurements were correctly and punctually made, and that the orders of Government were being followed in all the matters mentioned at the end of paragraph 426 of the report of the Famine Commission of 1898?

27. If local conditions were met with, which affected the application of the prescribed tasks, did it rest with the Civil officer in charge to decide which of the prescribed tasks was applicable (*e.g.*, in varying strata of hard and soft earth)?

28. How were the gangs of labourers constituted, and what was the size of the gangs? Were arrangements made to secure village or family gangs, so far as possible, and with what success?

29. What classification of labourers, and what wage scale was adopted, and how does it compare with the classification and wage scale of paragraph 445 of the report of the Famine Commission of 1898? How far did experience justify departure from the latter—

(a) from the administrative point of view?

(b) from the point of view of economy?

30. Did your experience lead you to consider that any, and if so what, distinction should be drawn in the classification and wages of men and women?

Did the absence of such distinction lead to any difficulty?

Please consider this question also in its financial aspect.

31. Was the Code task system introduced from the outset, or was some system of payment by results first adopted? Were the two systems carried on simultaneously or not—

(a) in the same district or subdivision of a district?

(b) on the same work?

32. Did your experience lead you to agree with the Famine Commission of 1898 that a system of payment by results was unsuited to conditions of acute distress or actual famine? or do you consider that, if started in time, relief can be adequately afforded in cases of severe famine by works conducted throughout on a system of payment by results?

33. What task was exacted at the outset; was it graduated to the class of workers or was the full task demanded from all; was any allowance made for the distance the workers had come? Were subsequent changes of the task in the direction of greater leniency or greater severity; what were the circumstances which led up to the changes, and with reference to what classes of persons were they introduced?

34. Did your experience lead you to believe that the scale of wages adopted was adequate, inadequate, or unduly liberal? What in your experience was its effect upon the condition of the workers? Was there any evidence that the workers saved upon their

earnings? Did copper coin return freely to the banias on the works? Please give reasons for your opinion.

35. Was a rest day wage given, or could the workers earn more than the full wage in order to support themselves on the rest day? Which method does your experience lead you to prefer?

36. Does your experience lead you to consider that the minimum wage is too high, and that fining for short work should be continued down to the penal wage or to something between the penal and minimum wage?

37. Was the minimum wage allowed at the outset? if not, was there a penal wage, and was there a tendency to fine down to it? Did the penal wage anywhere become the wage generally earned? if it did, to what do you attribute the fact, and what were its effects?

38. How often was payment made; daily or weekly or at what other interval? If weekly, did your experience lead you to think more frequent payment desirable and practicable?

39. When people first came on a relief work were they paid daily or at longer intervals? Did you find that payment otherwise than daily threw the workers seriously into the debt of the bania?

40. To whom was payment made: to the individual or to the head of the gang? Which method did your experience lead you to prefer?

41. Can you give, for two or three typical relief works, figures showing, at the time of greatest pressure, the number of relief workers earning—

- (a) the full wage,
- (b) the penal wage,
- (c) a wage between the full and penal wage?

Did people remain long on the works on the penal wage?

42. If a system of payment by results was in force, was it one of the systems described in paragraphs 208 to 212 of the report of the Famine Commission of 1898, or in what respects did it differ from them?

43. What was the maximum wage, and what arrangements were made for the relief of children; or for the relief of weakly persons capable of some work? Did the arrangements for the latter take the form of task work with a minimum wage, or piece work at favourable rates, and which in your experience is preferable?

44. Were contractors employed at any stage of the famine?

45. Under the payment by results system were muster rolls kept up, or what arrangement was there by which on emergency the Code task system could be promptly introduced?

46. Under whose orders was the prices scale for the calculation of the wages fixed? On what grains was it based? Were small variations in prices neglected?

47. Please trace distinctly the various steps adopted in opening a relief work, admitting and classifying labourers, providing for dependants, providing tools and plant, marking out work and measuring it up, paying wages, imposing fines, conserving the water supply, and arranging for hospital requirements.

48. Under whose orders were tasks and wages stiffened or relaxed (*i.e.*, the Collector, the Commissioner, the Famine Commissioner or the Local Government)? Had the Collector or the Commissioner power to issue orders independently or had he to refer to higher authority. If he acted in anticipation of sanction was he often over-ruled.

49. Were arrangements made at any time to draft people from large public to small village works; what was the occasion calling for transfer; and with what success was the transfer achieved?

SMALL VILLAGE WORKS.

50. What part did the small village works play in the scheme of relief?

51. What classes of works did they include?

52. Were they conducted—

- (a) under the supervision of the Public Works Department,
- (b) under the supervision of the Civil Agency,
 - (i) by direct management,
 - (ii) through landholders or by means of other non-official agency?

53. If conducted under (b) (ii) of the last question, what arrangements were made—

- (a) for laying down the work,
- (b) for measuring it up,
- (c) for paying wages?

How far were the landholders and others responsible administratively and financially; and under whose supervision was the work done?

54. Was any attempt made to work the Code task system? What scale of wages was adopted? Was employment given to every one who wanted it, or only to special classes?

55. Was any system of selection of applicants for relief tried? If so, was it successful or not?

56. If large public and small village works existed close to one another, did either draw labourers from the other?

57. Did your experience lead you to form any definite opinions as to the desirability or otherwise of extending small village relief works? If so, please state them.

SPECIAL RELIEF.

58. Are there many aboriginal tribes in your district? Were special tests applied to them? Were they forward to take relief or had relief to be taken near their homes? How far were the measures taken successful?

59. Were forest and fodder works opened? How were these controlled and what classes did they serve?

60. Were able-bodied persons engaged at any time on works of private utility at public expense (*e.g.*, weeding fields, etc.)? and, if so, to what extent, at what stage, for how long and under what control?

61. Were special measures taken to relieve artisans (weavers and others) in their own crafts?

62. Did they show a reluctance to go on ordinary relief works; or were they physically unfit for ordinary labour?

63. If special relief measures for artisans were taken, were they successful from the point of view of (a), relief (b) economy; and does your experience lead you to consider that more might have been done in this respect, under direct official control or with official assistance?

64. What measures were taken to prevent mortality of cattle and with what success?

65. Were any operations undertaken for the supply of compressed grass to tracts suffering from scarcity of fodder?

GRATUITOUS RELIEF.

66. How were dependants relieved—

- (a) on large public works,
- (b) on small village works,

in cash or uncooked grain or with cooked food?

67. Statistics have been called for, but which of the recognized forms of gratuitous relief was most employed in your district, and on what grounds was it chosen?

68. Did the distribution of village relief in your district go beyond the classes mentioned in paragraph 141 of the report of the Famine Commission of 1880? If so, were the recipients of gratuitous relief selected by persons with local knowledge or were they admitted to relief because they complied with some test such as eating cooked food? Please enumerate the tests, if any, by which admission to gratuitous relief was restricted.

69. How many poor-houses were open in your district, and when were they opened? What classes of people most frequented them; and were the numbers ever large?

70. Were poor-houses used as depôts for vagrants and immigrants; and were persons who refused to work on relief works sent to poor-houses as a punishment?

71. Were measures taken periodically to weed out the poor-houses and send people to their homes or to relief works?

72. Statistics have been called for, but how many kitchens were opened in your district: (a) before and (b) after the rains broke? What radius was a kitchen expected to serve?

73. What ration was provided and how often were meals distributed, and at fixed or varying times? Were people compelled to feed on the premises, or were they allowed to take food away?

74. Was any limit of distance from relief works fixed, within which civil kitchens could not be opened; or were civil kitchens opened close to relief works?

75. Was admission to kitchens free or restricted; and, if restricted, what was the method of selection for admission?

76. What was the poor-house ration and of what grain; was it varied on occasions to meet the case of sickness or weakness?

77. Who drew up the village gratuitous relief list, by whom were they checked; how often and by whom were the recipients inspected?

78. How was payment made, (a) in cash or grain, (b) daily, weekly, monthly or for any other period, (c) at the homes of the recipients or elsewhere?

79. To what persons, except those mentioned in the Code, was gratuitous village relief given; for how long and under what necessity?

80. What castes of cooks were employed? Was any reluctance to take cooked food shown by any classes and at any stage; and, if so, by what classes and at what stage?

81. What persons were in charge of kitchens; what supervision and check was exercised over them?

82. Were cheap grain shops opened; if so, for what classes and how was admission to their benefit regulated? Was this form of relief successful and what did it cost?

83. Did cheap grain shops in any way discourage the importation of grain; or did they affect general prices?

SUSPENSIONS AND REMISSIONS OF LAND REVENUE.

84. To what extent was land revenue in your district (a) suspended, (b) remitted?
85. Upon what system were such remissions or suspensions based? Were they based upon crop failure solely, or was the general capacity of the individual to pay also taken into account; and in the latter case, how, and by whom and upon whose information was that general capacity determined?
86. At what stage were suspensions and remissions determined; after or before collection of revenue began?
87. In zemindari tracts did suspensions or remissions of rent follow automatically upon suspensions and remissions of revenue? If only part of the revenue of a village (or estate) was suspended, who decided what cultivators should receive remissions or suspensions?
88. Did you observe any facts tending to show that sufficient relief by suspension or remission of revenue had not been given, or that such relief had been abused or had failed to reach the right persons?

GENERAL.

89. If the number of persons in receipt of relief in your district at any time exceeded 15 per cent. of the population affected, please state briefly the reason for it.
90. Does your experience lead you to consider that relief was at any particular period excessive or defective, and what are the grounds of your opinion?
91. To what classes generally did the people in receipt of relief belong; did they include proprietors, State raiyats, occupancy tenants, and other tenants with security of tenure and, if so, to what extent?
92. In your experience were people more ready to come on relief than in former famines, and, if so, to what is this readiness attributable?
93. Did facts come to your notice indicating a contraction of private credit, or a reluctance of the people to exhaust their own resources before accepting State relief?
94. Do you consider that the tests of the Code are sufficient to prevent persons not in need of relief from seeking it?
95. If you consider the tests of the Code are insufficient, what further test would you propose? Or do you consider any method of selection for admission to relief to be practicable?
96. What system of registration of births and deaths is followed?
97. Where statistics show a very high mortality, how far is that attributable to diseases connected with unsuitable or insufficient food?
98. How far was an impure or insufficient water-supply a cause of increased mortality; and what measures were taken to improve or extend the water-supply? Was permanganate of potash used to disinfect wells and other sources of water-supply, and, if so, at what intervals of time?
99. What special sanitary arrangements were made—
 - (a) on works;
 - (b) at poor-houses;
 - (c) at kitchens;
 and were they sufficient? Who supervised them?
100. Was there a regular inspection of the grain shops on the works, and did that inspection disclose the sale of inferior or unwholesome grain?
101. How far did the people supplement their food with wild products, and had the consumption of wild products any appreciable effect upon their health?
102. Did you observe much immigration from Native States? Roughly, what proportion did such immigrants bear to the total number relieved?
103. What was the mortality among these immigrants compared with the mortality of the district; and what was the effect of this mortality upon the death-rate of the district?
104. How were the orphans disposed of at the end of the famine? Were they made over to friends, caste people, native institutions or missionaries?
105. Have you any suggestions to make regarding the classification of the objects of the Charitable Relief Fund in paragraph 527 of the report of the Famine Commission of 1898? Can you suggest any improvements in the management of the fund?
106. Did you hear any complaints regarding the inability of the Railways to keep pace with the grain and fodder traffic to the distressed districts? If so, please specify the nature of the complaints. Was the local price of food raised by any defects in railway carriage?
- 106 (a). What arrangements were in force to keep you informed of the traffic in food-grains by rail, river, and road? Were the statistics reliable? What proportion of the assumed consumption of the people was imported?
107. Did you hear any complaints from employers of private labour, agricultural or other, that owing to the attractions of relief works they experienced difficulty in obtaining labourers?
108. Has there been any change in the character of the crops sown of late years? Has that change taken the form of—
 - (a) an increase of double cropping;
 - (b) the substitution of food-crops for more valuable crops, or vice versa?

109. Does the practice of paying wages in grain still prevail in your district? Is the tendency to substitute a cash for a grain wage? Have cash wages risen in sympathy with the rise in prices?

110. To what extent have the provisions of the Famine Code been departed from? Please specify the departures. Were they justified in your experience?

111. Were Staff Corps officers employed in supervision? And were officers of the Native Army and non-commissioned officers of the British Army employed in minor posts? Can you suggest any other source from which supervising officers can be drawn?

112. How far was non official agency made use of during the famine? Was it successful? And is there scope for its extension?

113. Please trace, with great care, the effect upon—

- (1) the number of people seeking relief,
- (2) the death-rate,

of any changes in—

- (a) the system of work (e.g., a change from Code task to payment-by-results system),
- (b) the task,
- (c) the scale of wages,
- (d) the mode of calculating fines,
- (e) the tests of necessity (such as the insistence on a distance test, or compulsory residence, or the drafting to distant works),

and did these changes lead to disorganisation or wandering?

114. Has your experience shown that the massing of people on large works tends to disorganise family life, or to weaken social restraints, or to relax moral ties? If so, can you suggest any means connected with the class or organisation of relief works whereby these evils may be removed or mitigated?

Purchase of Stores in England and locally by the General and Irrigation Branches of the Public Works Department of the Government of Bengal during 1899-1900.

No. 139A.

Government of Bengal.

PUBLIC WORKS DEPARTMENT.

ACCOUNTS.

Dated Calcutta, the 8th January 1901.

RESOLUTION.

READ again—

- (1) Letters from the Government of Bengal, Public Works Department, Nos. 4195A., dated the 15th October and 51A., dated 4th January 1901, submitting to the Government of India, Public Works Department, the statement of expenditure on stores in the General and Irrigation Branches of the Public Works Department of the Government of Bengal for the year 1899-1900.
- (2) Letter from the Government of India, Finance and Commerce Department, No. 1426S.R., dated 25th March 1895, pointing out that, as it is understood that several of the principal engineering firms in India now possess the apparatus necessary for the proper testing, both of the raw material and of the finished product, the fullest use should be made, subject to the prescribed precautions, of the liberty to procure supplies in India.
- (3) Resolution on the operations of the Public Works Department, Bengal, in 1898-99 in respect of purchases of stores in England and locally.

REMARKS.—The following information is published to show the operations of the Public Works Department of this Province during 1899-1900 in respect to the purchase of European stores in England and locally.

2. The total value of the stores so purchased amounted to Rs. 2,92,466, against Rs. 2,96,441 of the previous year. This sum is made up as follows:—

	Rs.
(a) Cost of stores obtained through the Secretary of State	... 2,36,340
(b) Cost of stores locally purchased—	
(i) Of European manufacture	... 32,813
(ii) Of Indian manufacture from imported material	... 23,313
	56,126
	2,92,466

3. The principal items of the stores obtained through the Secretary of State were the following:—

	Rs.
Steel joists	... 64,074
Iron and steel T's, L's, bed plates, bar, flat, channel and chain	... 51,244
Corrugated iron sheets	... 13,763
Zinc sheets	... 5,108
Lead sheets	... 2,284
Lightning rods	... 2,633
Copper tape	... 2,422
Portland cement	... 30,838
Electric passenger lift	... 9,438
Paints	... 25,515
Glazed tiles	... 13,295
Fire clay	... 3,660
Miscellaneous	... 12,066
Total	... 2,36,340 against Rs. 1,56,843 of the previous year.

None of the above articles could have been entirely manufactured in India.

4. Of stores of European manufacture locally purchased on the score of urgency the following is a detailed list:—

	Rs.
Steel joists	20,875
T's, L's, channels and flats	5,184
Corrugated iron sheets	2,454
Lavatory basins	1,800
Portland cement	2,500
Total	32,813 against Rs. 92,270 of the previous year.

Taking India Office prices and adding freight and incidental charges, the cost of these articles, if purchased through the Secretary of State, is estimated at Rs. 31,062; the estimated loss to Government being 5·63 per cent. against a corresponding figure of 26·22 per cent. in the previous year.

5. The total value of stores locally manufactured from imported material, or substituted for stores formerly imported, is Rs. 23,313 against Rs. 47,328 of the previous year. The items making up this total are—

	Rs.
Wrought-iron work for bridges	3,555
Ditto roofs	1,755
Ditto record-racks	1,575
Wrought-iron tank	1,350
Cast-iron columns	3,469
Do. pipes	6,503
Jumpers, kodalies and pile drivers	5,106
Total	23,313

6. The policy prescribed in Resolution No. 1426S.R. of the 25th March 1895 by the Government of India continues to receive the attention of the Local Government.

ORDER.—Ordered that a copy of this Resolution be published in the Supplement to the next issue of the *Calcutta Gazette*.

Ordered, also, that a copy of this Resolution be forwarded to the Bengal Chamber of Commerce, the Calcutta Trades' Association, and the Bengal National Chamber of Commerce.

By order of the Lieutenant-Governor of Bengal,

D. JOSCELYNE,

Secy. to the Govt. of Bengal.

WEATHER AND CROP REPORT.

For the week ending the 7th January 1901.

Burdwan.—Rainfall at Sadar 0·72, Kalna 0·57, Katwa 0·31, Raniganj 1·23. Rain has been beneficial. Weather fine and cold. Harvesting of *aman* and pressing of sugarcane still continue. Fodder and water sufficient. Common rice selling as follows:—

	Srs.	
Sadar	12	} per rupee.
Kalna	11 ⁵ / ₁₆	
Katwa	13	
Raniganj	13	

Birbhum.—Rainfall at Sadar 55, Rampur Hât 71. Weather cloudy and cool. Harvesting of *aman* continues. Standing crops doing well. Price of rice at Sadar 12 seers and at Rampur Hât 14½ seers. Fodder sufficient.

Bankura.—Rainfall at Sadar 1·36, Vishnupur 1·45. Weather cloudy with drizzling rain at the beginning, cleared up since yesterday and very cold. The rainfall has been beneficial to some of the *rabi* crops. Fodder and water sufficient. No cattle-disease reported. Price of common rice at Bankura 12½ seers and at Vishnupur 12 seers.

Midnapore.—Rainfall at Sadar 3·18, Contai 0·25, Tamluk 1·95, Ghatal 1·70. *Aman* being reaped. Common rice sells as follows:—

	Srs.	
Sadar	14	} per rupee.
Contai	15	
Tamluk	10 ⁷ / ₈	
Ghatal	13½	

Hooghly.—Rainfall at Sadar 76, Serampore 97, Arambagh 107. Weather cool. Rain damages *rabi* crops. Harvesting of *aman* nearly finished. Common rice sells at 10 seers 15 chitaks per rupee.

Howrah.—Weather cloudy with drizzling rain at the beginning of the week. Fine later. Harvesting of *aman* going on. The recent rain has done some damage to crops, but should benefit *boro* rice. Fodder and water sufficient. Common rice sells at 10½ seers per rupee.

24-Parganas.—Rainfall at Sadar 103, Barasat 118, Basirhat 75, Diamond Harbour 154. Weather cloudy and rainy. Standing crops not good owing to the untimely rain. *Rabi* crops growing. The harvesting of *aman* still going on and the crop has been injured by the recent rain. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	10	} per rupee.
Barasat	10	
Basirhat	11	
Diamond Harbour	12 ⁵ / ₁₆	

Nadia.—Rainfall at Sadar 0·35, Kushtia 0·15, Meherpur 0·19, Chuadanga 0·27, Ranaghat 0·61. Weather cloudy and rainy. More rain wanted for the standing crops. Harvesting of *aman* still going on. Fodder and water sufficient. Price of common rice stationary.

Murshidabad.—Rainfall at Sadar 0·47, Jangipur 0·56, Kandi 0·51, Lalbagh 0·40. Weather seasonable. Harvesting of *aman* still continues. Prospects of *rabi* crops hopeful. Cattle-disease reported from thana Gorabazar of Sadar subdivision. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	13	} per rupee.
Lalbagh	14	
Kandi	14½	
Jangipur	15	

Jessore.—Rainfall at Sadar 0·29, Jhenida 0 18, Magura 0·25, Narail 0·20, Bangaon 0·47. Weather seasonable. Prospects of standing crops improved after the rain. Harvesting of *aman* almost completed. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	14	} per rupee.
Jhenida	13	
Magura	13½	
Narail	13 ⁵ / ₁₆	
Bangaon	13 ⁵ / ₁₆	

Khulna.—Rainfall at Sadar 0·53, Bagerhat 0·28, Satkhira 0·79. Weather cloudy and a little rainy, damaging standing crops to some extent. Harvesting of *aman* paddy continues. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	13 $\frac{1}{2}$	} per rupee.
Bagerhat	13 $\frac{1}{4}$	
Satkhira	10 $\frac{1}{2}$	

Rajshahi.—Rainfall at Sadar ·3, Nator ·21, Naugaon ·3. Prospects of crops fair. Harvesting of winter rice still going on. No cattle-disease. Fodder and water plentiful. Common rice sells at 14 $\frac{1}{2}$ seers a rupee.

Dinajpur.—Average rainfall ·64. Weather cold and cloudy. Harvesting of *aman* nearly over. No cattle-disease. Fodder and water plentiful. Rice selling at Sadar 16 seers and at Thakurgaon 13 seers per rupee.

Jalpaiguri.—Rainfall ·06. Weather cold and cloudy. Harvesting of *haimanti* paddy going on. Prospect of *rabi* crops favourable. Price of common rice steady. Fodder and water ample.

Darjeeling.—Rainfall at Sadar 0·43, Kurseong ·43, Siliguri ·20, Kalimpong ·33. Weather seasonable. Days cloudy, nights cold and frosty. *Bara marua*, *aman dhan*, *kalai* being harvested. *Phapor*, *tori*, wheat, barley progressing. *Terai*—*haimanti* paddy being harvested. Mustard, tobacco, progressing. Coarse rice sells as follows :—

	Srs.	
Hills	11	} per rupee.
Terai	14	

Bhutta sells at Darjeeling 20 seers and at Kalimpong 24 seers per rupee.

Rangpur.—Rainfall at Sadar 0·55, Gaibanda 0·47, Kurigram 9·50, Nilphamari 0·21. Weather cloudy and very cold. Harvesting of *aman* going on. Fodder and water sufficient. Price of common rice stationary.

Bogra.—Average rainfall ·16. Weather cold and cloudy. Harvesting of *aman* nearly finished and that of mustard begun. Prospects of standing crops moderate and lands being prepared for *aus* and jute. Water and fodder sufficient. Common rice sells at 14 seers a rupee.

Pabna.—Rainfall at Sadar 0·16, Sirajganj 0·07. Weather cold and cloudy. Harvesting of winter paddy complete; yield fair. Rain wanted for *rabi* crops. Prices unchanged. Fodder and water sufficient.

Dacca.—Rainfall at Sadar ·20, Manikganj ·10, Munshiganj ·19, Narainganj ·23. Weather seasonable. Prospects of crops fair. Fodder available. No cattle-disease. Common rice 11 $\frac{1}{2}$ seers per rupee.

Mymensingh.—Rainfall at Sadar 0·08, Kishoreganj 0·03. Weather cloudy and cold. Harvesting of *aman* nearly finished. Pressing of sugarcane, transplantation of *boro* going on. Fields are being prepared for early rice crop. Prospects of standing crops fair. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	10 $\frac{1}{2}$	} per rupee.
Jamalur	10	
Kishoreganj	11 $\frac{1}{4}$	
Tangail	11	
Netrakona	11 $\frac{1}{8}$	

Faridpur.—Rainfall at Sadar 0·24, Goalundo 0·22, Madaripur 0·36. Weather very cold, damp and misty. State and prospects of crops good. *Aman* paddy has been harvested. Common rice sells at 12 $\frac{1}{2}$ seers a rupee.

Backergunge.—Rainfall at Sadar 0·10. Weather cloudy. Prospects of crops good except in Patuakhali, where 25 per cent. of *aman* is said to have been damaged by insects. Fodder and water sufficient. Common rice sells at 10 seers (old) *aman* and 12 seers (new).

Tippera.—Rainfall at Sadar ·23, Brahmanbaria 5·47, Chandpur ·42. Weather cloudy with foggy mornings. Prospects of standing crops favourable. Common rice averages 12 $\frac{1}{2}$ seers per rupee.

Noakhali.—Rainfall at Sadar 0·01, Feni ·02. Weather cloudy and chilly. Harvesting of *aman* completed. Cattle-disease in Lakhipur; veterinary help asked for. Fodder and water sufficient. Prices stationary.

Chittagong.—No rain during the week. Harvesting of winter rice completed. Outturn 12 annas. Water and fodder sufficient. Common rice sells at 12½ seers.

Patna.—Rainfall at Sadar 1·71, Bihar 2·76, Barh 1·90, Dinapore 1·51, Hilsa 0·10. Rain during the week has improved the prospects of *rabi* and other standing crops. Fodder and water for cattle sufficient. Common rice in Patna sells at 15 seers per rupee.

Gaya.—Rainfall at Sadar 2·90, Jahanabad 1·96, Aurangabad 2·88. Nawadah 2·83. Harvesting of paddy nearly over. *Rabi* doing well. Poppy suffered to some extent by rain. Common rice sells at 12 seers per rupee.

Shahabad.—Rainfall at Sadar 1·80, Buxar 1·98, Bhabhua 4·09, Sasaram 3·31, Dehri 3·62. Weather cold and cloudy. Excessive rainfall damaged prospects of *rabi* crops. Dry weather urgently required. Pressing of sugarcane going on. Fodder and water sufficient. Rice 12 seers a rupee at Sadar.

Saran.—Rainfall at Sadar 1·49, Siwan 1·22, Gopalganj 1·13. Weather cloudy and rainy with east wind. Standing crops much benefited by recent rain. Bright sunshine and fair weather need. Poppy promising. Common rice 14½ seers and *makai* 23½ seers per rupee.

Champaran.—Rainfall at Motihari 1·04, Bettiah 1·15. Prospects continue favourable. Weeding of *rabi* in progress and threshing of paddy continues. Fodder and water sufficient. Prices of common rice and maize at Sadar are 15½ and 26½ seers per rupee respectively.

Muzaffarpur.—Rainfall at Sadar 1·40, Hajipur 1·25 and Sitamarhi 1·45. Prospects good. The rainfall of the week has done immense good to the *rabi* crops. Prices are—Common rice 14 seers, wheat 13 seers, barley 20 seers, maize 24 seers, gram 15 seers, *arhar* 14 seers, and *marua* 22 seers a rupee.

Darbhanga.—Rainfall at Sadar 1·28, Samastipur 1·19, Madhubani 0·90. Harvesting of paddy is almost over. *Rabi* doing well. Fodder and water sufficient. No cattle-disease reported. Common rice sells as follows:—

			Srs.	
Sadar	...	...	15½	} per rupee.
Samastipur	...	...	16	
Madhubani	...	...	16½	

Monghyr.—Rainfall at Sadar 1·74, Begusarai 1·46, Jamui 2·97. Very cold and cloudy. Paddy harvesting nearly finished. Standing crops benefited by recent rain. Common rice sells as follows:—

			Srs.	
Sadar	...	...	16	} per rupee.
Begusarai	...	...	15	
Jamui	...	...	14½	

Bhagalpur.—Rainfall at Sadar 1·46, Banka 1·70, Madhipura 1·24, Supaul 0·65. Weather cloudy with drizzling rain attending with chilly cold. Reaping of winter rice almost complete. Pressing of sugarcane going on. No cattle-disease. Fodder and water sufficient. Prices almost stationary.

Purnea.—Rain at Sadar 0·95, Kishanganj 0·35, Araria 0·62. Weather cold and cloudy. Harvesting of *aghani* rice nearly finished. *Rabi* crops much benefited by recent rain. Prospects of crops good. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	
Sadar	...	...	15	} per rupee.
Kishanganj	...	...	14	
Araria	...	...	16	

Malda.—Rainfall at Sadar 1·63, Gazole 1·80. Harvesting of winter rice going on. Recent rain has done much good to the *rabi* crops. Average price of rice 15 seers per rupee. Cattle-disease reported from *Kharba* thana. Fodder and water sufficient. Weather cold and foggy.

Sonthal Parganas.—Average rainfall 1·18. Weather cloudy and cold. Harvesting of winter crops and pressing of sugarcane still continues in some places. *Rabi* crops promising. No cattle-disease. Fodder and water-supply sufficient. Average price of rice 15 seers and that of maize 20 seers 12 chitaks per rupee.

Cuttack.—Rainfall at Sadar 0·45, Jajpur 0·30. Weather seasonable. Sugarcane and *guru sarad* being harvested. *Rabi* in flowers and pods. *Dalua* and tobacco growing. Condition of cattle good. Fodder and water sufficient. Common rice sells as follows:—

			Srs. ch.	
Sadar	...	...	14 7	} per rupee.
Jajpur	...	...	17 1	
Kendrapara	...	...	...	Return not received.
Banki	...	...	16 12	per rupee.

Balasore.—Rainfall at Sadar ·53. *Kandha*, *sarad* and *rabi* being out and threshed. Cotton being gathered. Sugarcane pressing continues. Rice sells at 16½, 14½ and 16 seers per rupee in interior, Balasore and Bhadrak, respectively. Cattle-disease reported from Basudebpur circle. Fodder and water sufficient.

Angul.—Rainfall at Sadar ·65. Weather cloudy. Rain has benefited the standing oilseed, gram and *khasari* crops. Harvesting of *rabi* in progress. Common rice selling at 20 and 14 seers per rupee in Angul and Khondmals markets. Cattle-disease reported from the interior. Fodder and water sufficient.

Puri.—Rainfall at Puri 1·31, Khurda 0·26. Weather seasonable. *Sarad* paddy being harvested. *Dalua* and *mung* growing well. Pressing of sugarcane continues. Winter *mandia* and *kulthi* in flowers. Other miscellaneous crops doing well. Fodder and water sufficient. Rice sells as follows:—

				Srs. ch.
Sadar	...	...	...	(Old) 13 12
				(New) 15 1
Khurda	...	...	...	15 12
In the interior	...	...	...	(New) 16 9

Hazaribagh.—Rainfall at Sadar 2·23, Giridih 2·57. Weather very cold. Fodder and water sufficient. Estimate of poppy remains unchanged. Common rice sells at Sadar 12 to 14 seers and at Giridih 14½ seers per rupee.

Ranchi.—Rainfall 2·24. Weather cold and rainy. *Rabi* crops much benefited by the rain. Rice sells at Sadar 16 seers per rupee. No cattle-disease reported. Fodder and water sufficient.

Palamau.—Rainfall 3·41. Weather cloudy. General rain throughout the district. *Rabi* doing well. Rice selling at Sadar 13½ seers per rupee.

Manbhum.—Rainfall at Sadar 2·76, Gobindpur 1·10. Weather cloudy. Prospects of crops on ground good. Fodder and water sufficient. Cattle-disease reported from Jhalda only. Average price of common rice at Sadar 14 seers and at Gobindpur 13 seers per rupee. Supply sufficient.

Singhbhum.—Rainfall 4·76. Average price of rice is 17 seers in the district; at Chaibassa 16 seers. Rain will do a deal of good to the *rabi*.

General Summary.—There has been a general rainfall during the week throughout the province except in Chittagong. *Rabi* in Hooghly and Shahabad, poppy in Gaya, and some crops in Howrah, 24-Parganas and Khulna are said to have suffered to some extent by the rain, but it has improved the prospects of standing crops elsewhere. Harvesting of paddy and pressing of sugarcane approaching completion. Fodder sufficient. Cattle-disease continues to be reported from a few districts. The price of common rice has fallen in 7 districts, risen in 17 and is stationary in the rest (22).

By order of the Lieutenant-Governor of Bengal,

F. A. SLACKE,

Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,
The 9th January 1901.

PRICES-CURRENT (retail) of Food-grains and Salt in the Head.

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN											
		WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLUM. (Sorghum Vulgare.)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1 Burdwan	12 8	12 8	12 8	...	...	...	12 12	12 12	14 4	...	...	...
	2 Birbhum	12 0	12 0	13 4	...	...	...	12 0	12 0	15 0	...	...	...
	3 Bankura	10 0	10 0	10 0	...	...	...	13 2	13 12	16 4	...	...	...
	4 Midnapore	10 0	10 0	11 0	...	...	...	Old 11 4 New 12 8	13 0	12 8	...	...	...
	5 Hooghly	10 0	10 0	10 0	...	...	...		10 8	9 10	12 8	...	...
	6 Howrah	...	...	...	...	...	...	10 0	10 0	Old 13 0 New 15 8	...	...	...
PRESIDENT DIVISION.	7 24-Parganas	...	...	...	...	...	...	11 0	10 4	12 8	...	...	...
	8 Calcutta	10 10	11 13	10 0	16 0	16 0	16 0	11 6	11 13	11 6	...	14 0	...
	9 Nadia	13 5	13 5	16 0	...	16 0	...	11 7	11 7	13 7	...	...	...
	10 Murshidabad	14 0	14 0	Jamali 17 0 Gangajali 13 0	26 0	26 0	...	13 8	13 4	16 0	...	...	...
	11 Jessore	9 0	10 0		10 0	14 8	11 0	13 0	13 8	16 0	...	...	...
	12 Khulna	...	...	...	...	...	...	14 0	14 0	16 0	...	...	...
RAJSHAH DIVISION.	13 Rajshahi	13 8	14 4	15 0	24 0	24 0	27 0	12 12	14 4	New 16 8 Old 14 4	...	...	...
	14 Dinajpur	11 8	12 0	13 0	27 0	32 0	12 8	14-6-2	15 0		...	...	...
	15 Jalpaiguri	10 0	10 0	10 0	...	...	...	13 0	12 8	16 0	...	...	...
	16 Darjeeling	7 0	7 0	7 0	8 0	8 0	8 0	12 0	12 0	13 0	...	...	...
	17 Rangpur	11 0	11 0	13 0	...	...	...	10 0	10 0	13 8	...	...	...
	18 Bogra	9 12	9 12	7 8	...	...	...	13 8	13 8	18 12	...	...	...
DACCA DIVISION.	19 Pabna	15 0	15 0	17 4	26 4	27 0	35 0	13 8	14 4	16 4	...	...	...
	20 Dacca	10 0	10 8	10 0	...	...	32 0	11 8	12 0	18 0	...	...	...
	21 Mymensingh	8 0	8 0	10 0	16 0	16 0	...	10 0	10 0	18 0	...	...	...
	22 Faridpur	10 0	10 0	18 0	16 0	16 0	40 0	12 0	12 0	16 0	...	...	...
	23 Bakergunge	...	...	...	...	...	...	Old 11 12 New 12 12	12 0	16 0	...	...	...
									14 0	12 8	...	...	...

- A. In the subdivisions the retail prices of salt per rupee are:—Kalna 10 seers 10 chitaks (panga) and 12 seers (karkatch); Katwa 11 seers 12 chitaks (karkatch); Raniganj 10 seers 8 chitaks (panga).
- B. At Rampur Hat the retail price of salt is 11 seers per rupee.
- C. At Vishnupur the retail price of salt is 9½ seers per rupee.
- D. In the subdivisions the retail prices of salt per rupee are:—Contai 10 seers; Tamluk 10 seers 14 chitaks; Ghatal 11½ seers.
- E. In the subdivisions the retail prices of salt per rupee are:—Serampore 10½ seers; Arambagh 10 seers 10 chitaks.
- F. At Ulubria the retail price of salt is 10 seers 10½ chitaks per rupee.
- G. In the marts in the interior of the district the retail prices of salt per rupee are:—Chetla 10 seers 10 chitaks; Barasat 11 seers; Baduria return not received; Moraghat 9 seers 2 chitaks.
- H. In the subdivisions the retail prices of salt per rupee are:—Kushtia 10 seers (panga); Chuadanga 10 seers; Meherpur 10 seers (karkatch); Ranaghat 10 seers 12 chitaks (crushed).
- I. In the subdivisions the retail prices of salt per rupee are:—Lalbagh 11 seers (karkatch); Kandi 11 seers (karkatch); Jangipur 11 seers (karkatch).

SEERS OF 80 TOLAHS.

[illegible]

GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. (<i>Cicer arietinum</i> .)			INDIAN-CORN OR MAIZE. (<i>Zea mays</i> .)			ARHAR OR THUR, CADJAN PEA. (<i>Cajanus Indicus</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
13 8	13 8	16 0	...	...	...	7 14	7 14	12 0
13 0	13 0	14 4	...	...	...	8 0	8 0	10 0
11 8	11 8	12 8	...	...	...	8 8	8 8	10 0
12 0	12 12	14 8	...	...	...	8 0	8 0	12 0
12 0	12 0	12 0	...	...	...	8 0	8 0	8 0
11 8	11 8	15 8	...	...	...	8 0	8 0	10 8
12 0	12 10	14 0	...	...	...	9 0	9 0	11 0
14 8	11 13	14 8	13 0	22 0	13 0	10 10	8 14	10 10
15 4	16 0	18 8	...	...	...	10 0	8 12	10 0
18 0	18 0	20 0	...	...	...	9 0	9 0	11 2
13 4	9 4	16 0	...	...	...	...	12 8	9 0
10 0	10 0	10 0	...	...	...	9 0	9 0	10 0
15 0	15 0	18 0	...	...	...	13 11	13 8	13 8
11 8	13 0	13 8	...	...	...	9 9 1	9 9 1	8 4
12 8	13 0	14 0	...	...	...	9 0	9 4	9 8
9 0	9 0	8 0	20 0	20 0	20 0	6 0	6 0	6 8
11 8	11 8	13 0	12 8	...	13 8	7 0	7 0	10 0
12 0	12 0	13 8	...	...	...	9 12	9 12	...
12 0	12 0	14 4	...	...	...	7 8	7 8	9 0
12 0	12 0	16 0	...	...	...	8 8	8 8	10 0
8 0	8 0	9 0	...	...	...	6 8	6 8	8 0
10 0	10 0	20 0	...	...	...	9 0	10 0	8 0
9 0	9 8	9 0	...	...	...	...	...	...

quarters Station Bazars of the Districts of Bengal on the 31st December 1900.

SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			AVERAGE WAGES PER MONTH.												DISTRICTS.	Number.
			SALT.			UNSKILLED LABOUR— ABLE-BODIED AGRICULTURAL LABOURER.			STEER OR HORSE- KEEPER.			SKILLED LABOUR— COMMON MASON, CARPENTER OR BLACKSMITH.							
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	BENGAL.	
A	11 3	11 3	Crushed.	8 4 6	8 5 6	7 8	7 0	9 0	6 0	6 0	7 0	15 0	14 0	12 0				Burdwan.	BURDWAN DIVISION.
B	10 8	10 8	10 8 13 10	6 3 10	6 3 10	7 0	6 0	6 0	5 0	4 0	4 0	15 0	16 0	16 0				Birbhum.	
C	10 2	10 2	Panga.	0 3 13	0 4 0	0 0	6 0	6 0	5 0	5 0	5 0	8 0	8 0	8 0				Bankura.	
D	10 12	10 12	Panga.	0 3 9	0 3 8	0 8 8	8 8	8 8	7 8	7 8	7 8	12 0	12 0	12 0				Midnapore.	
E	10 0	10 0	Crushed.	0 3 14	0 3 12	0 ...	9 13	11 4	...	7 0	7 0	...	18 0	18 0				Hooghly.	
F	10 10	10 10	10 12 3 8	0 3 8	0 3 6	12 0	12 0	12 0	10 0	10 0	10 0	20 0	20 0	20 0				Howrah.	
G	10 10	10 10	10 8 3 12	0 3 9	0 3 6	10 0	10 8	11 4	7 0	7 8	7 8	15 0	15 0	15 0				24-Parganas.	PRESIDENCY DIVISION.
H	11 0	11 0	Panga.	0 3 5	0 3 5	0 10 0	10 0	10 0	9 0	8 0	8 0	25 0	25 8	18 0				Calcutta.	
I	11 0	10 10	Panga.	5 3 6	0 3 6	0 7 8	7 8	7 8	6 0	7 8	6 0	10 0	10 5	10 0				Nadia.	
J	11 0	11 0	Markatch.	3 3 8	0 3 8	0 5 0	5 0	4 0	5 0	5 0	5 0	15 0	15 0	15 0				Murshidabad.	
K	9 12	9 0	Panga.	9 2 3 14	0 4 0	0 9 6	9 6	9 6	7 8	7 8	7 0	11 4	11 4	15 0				Jessore.	
L	10 0	10 0	Panga.	0 3 12	0 3 12	0 7 8	7 8	7 8	9 6	7 0	7 0	18 12	18 12	18 0				Khulna.	
M	9 12	9 12	Panga.	9 12 3 12	0 3 12	0 3 13	4 0	4 0	4 0	4 0	4 0	5 0	7 8	5 0				Rajshahi.	RAJSHAHI DIVISION.
N	10 0	10 12	Panga.	0 4 0	0 3 11	0 4 0	7 0	7 0	7 0	6 0	6 0	20 0	15 0	15 0				Dinajpur.	
O	8 8	8 8	Panga.	8 4 8	0 4 8	0 7 8	7 8	7 8	8 0	8 0	8 0	20 0	22 0	22 0				Jalpaiguri.	
P	8 0	8 0	Panga.	8 4 10	0 4 10	0 10 0	10 0	10 0	11 0	11 0	11 0	25 0	20 0	20 0				Darjeeling.	
Q	9 0	8 0	Panga.	0 4 0	0 4 0	0 8 8	9 0	7 8	7 0	7 0	8 0	15 0	15 0	15 0				Rangpur.	
R	10 2	10 2	Panga.	9 12 3 13	4 3 13	4 7 8	7 8	7 8	5 0	5 0	5 0	10 0	10 0	10 0				Bogra.	
S	9 12	9 12	Panga.	9 12 3 13	0 3 13	0 4 0	4 0	4 0	5 0	6 0	6 0	20 0	20 0	20 0				Pabna.	DACCA DIVISION.
T	10 8	10 8	Panga.	0 3 11	0 3 12	0 5 0	5 0	5 0	5 0	5 0	5 0	10 0	10 0	10 0				Dacca.	
U	10 0	10 0	Panga.	8 4 0	0 4 0	0 7 0	7 8	7 0	7 0	7 0	7 0	15 0	15 0	15 0				Mymensingh.	
V	10 0	10 0	Panga.	0 3 12	0 3 13	0 7 8	9 6	9 6	8 0	8 0	8 0	14 0	15 0	14 0				Faridpur.	
W	10 0	10 0	Panga.	0 3 10	0 3 10	0 8 0	11 4	10 0	10 0	10 0	10 0	20 0	20 0	20 0				Barisal.	
X	10 0	10 0	Panga.	0 3 10	0 3 10	0 15 0	8 0	15 0	10 0	7 0	10 0	20 0	15 0	15 0				Barisal.	

J. In the subdivisions the retail prices of salt per rupee are :—Jhenida 10½ seers ; Magura 9½ seers ; Narail 10 seers ; Bangaon 10 seers 10 chitaks.

K. In the subdivisions the retail prices of salt per rupee are :—Bagerhat 9 seers ; Satkhira 11 seers.

L. In the subdivisions the retail prices of salt per rupee are :—Nator 10½ seers ; Naugaoon 9 seers 10 chitaks.

M. No report from subdivision.

N. Return not received from Alipur subdivision.

O. The retail prices of salt (panga) at Kurseong and Siliguri are 8 and 10 seers per rupee respectively.

P. In the subdivisions the retail prices of salt per rupee are :—Gaibanda 10 seers ; Kurigram 8 seers ; Nilphamar 10 seers.

Q. At Sirajganj the retail price of salt is 11½ seers per rupee.

R. In the parts in the interior of the district the retail prices of salt per rupee are :—Madanganj 11 seers ; Manikganj 9 seers ; Mirkadinj 11 seers 6 chitaks.

S. In the subdivisions the retail prices of salt per rupee are :—Kishoreganj 10 seers ; Jamalpur 9 seers 6 chitaks ; Tangail (Kagmari) 8 seers ; Netrokona 9 seers.

T. In the subdivisions the retail prices of salt per rupee are :—Goalundo 10 seers ; Madaripur 10½ seers crushed.

U. In the subdivisions the retail prices of salt per rupee are :—Pirojpur return not received ; Patuakhali 9 seers ; Bhola 9 seers.

PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.		DISTRICTS.	QUANTITIES PER RUPEE IN											
			WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare).		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL—concluded.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
CHITTAGONG DIVISION.	24	Tippera	...	...	...	...	...	...	12 3	13 3	16 0	...	...	...
	25	Noakhali	...	...	...	...	...	...	13 0	13 0	17 0	...	...	...
	26	Chittagong	...	...	...	...	...	...	12 10	12 8	15 0	...	...	...
BIHAR.														
PATNA DIVISION.	27	Patna	15 0	16 0	16 0	21 0	22 0	23 0	16 0	17 0 New	17 8	25 0	24 0	22 0
	28	Gaya	12 8	13 0	14 0	24 0	20 0	18 8	13 8	13 0	14 4	18 8	21 0	...
	29	Shahabad	12 0	13 0	12 8 & 13 0	15 0	17 0	20 0	13 8	14 0	12 8 & 14 0	...	...	...
	30	Saran	12 0	13 0	12 8	20 0	18 0	18 0	14 8	15 0	13 8	...	...	...
	31	Champaran	12 8	13 0	14 8	18 0	18 0	20 0 to 21 0	15 8	16 8	15 0	...	...	...
	32	Muzaffarpur	12 0	13 0	14 0	19 0	19 0	18 0	14 0	14 8	14 12	...	...	...
BHAGALPUR DIVISION.	33	Darbhanga	13 8	14 4	11 0	27 7	24 0	16 0	15 8	15 8	14 0	...	...	...
	34	Monghyr	13 0	13 14	14 10	20 0	21 0	...	13 4	14 6	15 0	...	...	...
	35	Bhagalpur	12 10	12 10	15 4	22 12	22 12	21 8	17 0	16 6	17 8	...	...	...
	36	Furness	16 0	17 0	14 0	...	...	...	15 0	17 0	18 0	...	...	...
	37	Malda	14 0	13 0	...	...	...	...	14 0	15 0	16 0	...	...	...
	38	Sonthal Parganas.	10 0	10 8	11 0	14 0	14 0	19 0	16 0	16 0	14 0	...	...	...
ORISSA.														
ORISSA DIVISION.	39	Cuttack	10 8	11 13	10 8	...	...	...	14 7	13 12	15 12	...	...	...
	40	Balasore	10 0	10 0	13 0	11 0	11 0	11 8	14 4 New	14 4	15 0	...	...	...
	41	Puri	10 8	9 8	8 8	...	...	...	15 1 Old	15 12	17 1	...	...	...
CHOTA NAGPUR.														
CHOTA NAGPUR DIVISION.	42	Hazaribagh	11 0	12 0	11 8	18 0	18 0	16 0	15 0 New	15 0	12 0	...	...	...
	43	Ranchi	7 8 to 11 0	7 8 to 10 0	7 12 to 11 0	12 0	15 0	...	17 0	17 0	10 8	...	...	...
	44	Palamau	10 11	10 11	12 6	11 4	10 2	16 14	13 8	13 8	11 13	...	...	...
	45	Manbhum	16 0	11 0	12 0	11 0	16 0	20 0	14 8	15 0	13 8	20 0	20 0	16 0
	46	Singhbhum.*	...	10 0	12 0	...	...	...	...	16 0	16 0	...	...	...

* The present return not received.

- V. In the subdivisions the retail prices of salt per rupee are :—Chandpur 9 seers ; Brahmanbaria 10 seers.
W. At Feni Hat the retail price of salt is 9 seers per rupee.
X. At Cox's Bazar the retail price of salt is 8½ seers per rupee.
Y. In the subdivisions the retail prices of salt per rupee are :—Barh 10½ seers ; Dinapore 10½ seers ; Bihar 9½ seers.
Z. In the subdivisions the retail prices of salt per rupee are :—Jahanabad 10 seers ; Nawada 10 seers ; Aurangabad return not received.
a. In the subdivisions the retail prices of salt per rupee are :—Buxar 11 seers ; Bhabua 10½ seers ; Sasaram 10½ seers.
b. In the subdivisions the retail prices of salt per rupee are :—Siwan 11 seers ; Gopalganj (Mirganj) 12 seers 5 chitaks.
c. At Bettiah the retail price of salt is 10 seers per rupee.
d. In the subdivisions the retail prices of salt per rupee are :—Hajipur 10 seers ; Sitamarhi 11½ seers.
e. In the subdivisions the retail prices of salt per rupee are :—Samastipur 10 seers ; Madhubani 11 seers.
f. In the subdivisions the retail prices of salt per rupee are :—Begusarai 10½ seers ; Jamui 10 seers.

SEERS OF 80 TOLAHS.

[illegible]

GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. (<i>Cicer arisctinum</i> .)			INDIAN-CORN OR MAIZE (<i>Zea mays</i> .)			ABHAR OR THUR, CADJAN PEA. (<i>Cajanus indicus</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...
10 0	10 0	12 0	...	...	...	...	...	...
10 0	10 0	10 0	...	...	...	7 8	7 8	8 0
20 0	22 0	20 0	24 0	26 0	19 0	17 0	19 0	14 0
25 0	16 0	18 0	20 8	22 0	...	10 0	New. 16 0	11 0
14 0	14 8	16 0	19 0	23 0	...	15 0	15 0	12 0
15 8	16 0	16 8	23 0	24 0	15 8	11 0	11 0	14 8
17 8	17 8	15 8	26 8	27 0	17 0	10 12	11 0	11 0
15 0	15 0	17 0	24 0	25 0	16 4	10 0	10 8	11 4
15 8	17 9	14 0	25 4	26 7	15 8	11 0	11 0	10 0
16 0	19 2	17 14	23 0	23 6	...	13 0	12 9	17 1
16 0	15 8	20 4	22 12	22 12	20 4	12 0	12 10	11 14
16 0	16 0	20 0	...	...	...	9 0	9 0	9 0
15 0	15 0	18 0	...	...	...	8 8	9 8	11 0
13 0	13 8	16 8	21 0	22 0	19 0	13 0	13 0	17 0
Biri or kalmi.			...	...	...	11 13	11 13	19 11
Chhola.			...	...	...	8 0	8 0	8 0
Biri.			...	...	...	8 8	8 8	10 8
12 0	14 0	16 0	21 0	21 0	14 0	9 0	9 0	9 0
12 0	12 0	14 0	27 0	26 0	16 0	6 8	6 8	8 0
13 0	13 0	15 0						
12 8	14 1	15 12	19 2	14 1	13 8	...	9 9	...
13 0	12 8	14 0	20 0	20 0	...	10 0	9 0	11 0
...	10 0	12 0	...	18 0	18 0	...	8 0	10 0

Station Bazaars of the Districts of Bengal on the 31st December 1900—(concluded).

			WHOLESALE PRICES PER MAUND OF 40 SEERS.			AVERAGE WAGES PER MONTH.											
SALT.			SALT.			UNSKILLED LABOUR— ABLE-BODIED AGRICULTURAL LABOURER.			SYCK OR HORSE- KEEPER.			SKILLED LABOUR— COMMON MASON, CARPENTER OR BLACKSMITH.			DISTRICTS.		
Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.			Number.
S. Ch.	S. Ch.	S. Ch.	R. A. P.	R. A. P.	R. A. P.	R. S. A.	R. S. A.	R. S. A.	R. S. A.	R. S. A.	R. S. A.	R. S. A.	R. S. A.	R. S. A.	BENGAL—concluded.		
V	10 0	10 0	Panga.	10 0	10 0	3 12 0	3 12 0	3 12 0	8 0	8 0	10 0	7 0	8 0	8 0	12 0	Tippera.	24
W	9 0	9 0	Panga.	10 0	10 0	4 8 0	4 0 0	7 8	7 8	7 8	7 8	7 0	7 0	7 0	10 0	Noakhali.	25
X	10 0	10 0	Panga.	10 0	10 0	4 12 0	3 12 0	3 10 0	...	...	...	8 0	8 0	8 0	20 0	Chittagong.	26
Y	11 0	11 0	Panga.	11 0	11 0	3 8 0	3 7 0	4 0	4 0	4 0	4 8	4 8	4 8	6 0	6 0	Patna.	27
Z	10 8	10 12	10 8	3 13 0	3 13 0	3 13 0	3 13 0	3 13 0	5 0	5 0	3 8	3 8	3 8	3 0	7 0	Gaya.	28
a	10 8	10 12	10 8	3 13 0	3 11 6	3 13 0	...	4 11	4 11	...	...	...	...	...	...	Shahabad.	29
b	10 8	10 8	10 12	2 12 0	3 12 0	3 11 0	...	...	...	...	...	...	...	...	...	Saran.	30
c	10 0	10 8	10 8	4 0 0	3 13 0	3 12 0	...	4 0	4 0	...	4 8	4 8	...	...	...	Champaran.	31
d	10 0	10 0	Panga.	11 8	3 9 0	3 13 0	3 7 0	...	...	...	...	...	...	...	...	Muzaffarpur.	32
e	11 4	11 4	10 8	3 10 0	3 10 0	3 8 0	...	...	...	...	...	...	...	...	...	Darbhanga.	33
f	10 0	10 8	11 0	4 0 0	3 11 6	3 7 0	...	...	...	...	...	...	...	...	...	Monghyr.	34
g	11 0	11 0	Panga.	10 0	3 10 0	3 12 0	5 10	6 8	6 8	5 0	5 0	5 0	...	...	...	Bhagalpur.	35
h	10 0	10 8	Panga.	10 8	3 12 0	3 12 0	...	...	...	...	...	...	...	...	...	Purnea.	36
i	10 0	10 0	Panga.	10 0	3 14 0	4 0 0	...	...	...	...	...	...	...	...	...	Malda.	37
j	10 0	9 8	Karkatch.	10 0	4 0 0	4 0 0	...	...	...	...	...	...	...	...	...	Sonthal Paraganas.	38
k	12 0	12 0	Karkatch.	10 12	3 2 0	3 0 0	...	5 1	5 10	...	5 0	5 0	...	...	...	ORISSA.	
l	11 4	11 0	Panga.	11 0	3 9 0	3 8 0	...	...	...	...	...	...	...	...	...	Cuttack.	39
m	13 0	13 5	Karkatch.	13 4	3 0 0	3 0 0	6 0	4 8	6 0	6 0	5 8	6 0	...	...	...	Balasoro.	40
n	9 0	9 0	9 0	4 7 0	4 4 0	...	...	...	...	...	...	...	...	...	...	Puri.	41
o	9 8	9 8	Panga.	9 8	4 2 0	4 2 0	3 0	4 0	3 0	5 0	5 0	5 0	8 0	8 0	8 0	CHOTA NAGPUR.	
p	9 12	9 9	9 4	...	...	...	6-1-6	6-1-6	3-1-6	...	...	...	...	...	...	Hazaribagh.	42
q	10 0	10 0	Panga.	10 8	3 11 0	3 10 0	...	...	...	...	...	...	...	...	...	Ranchi.	43
r	...	9 0	10 0	...	3 8 0	4 0 0	...	4 0	4 0	...	7 0	7 0	...	12 0	12 0	Palamau.	44
s	...	9 0	10 0	...	3 8 0	4 0 0	...	4 0	4 0	...	7 0	7 0	...	12 0	12 0	Manbhum.	45
t	...	9 0	10 0	...	3 8 0	4 0 0	...	4 0	4 0	...	7 0	7 0	...	12 0	12 0	Singbhum.	46

g. In the subdivisions the retail prices of salt per rupee are:—Banka 10 seers; Madhipura 9½ seers; Supaul 10 seers.

h. In the subdivisions the retail prices of salt per rupee are:—Kishanganj and Arraria 9 seers.

i. At Balia Nawabganj the retail price of salt (panga and karkatch) is 10 seers per rupee.

j. In the subdivisions the retail prices of salt per rupee are:—Deoghur 10½ seers (panga); Godda 10 seers; Jamtara 11 seers; Pakur 11 seers (karkatch); Rajmahal 11 seers.

k. In the subdivisions the retail prices of salt per rupee are:—Jajpur 10 seers (panga); Kendrapara 10 seers (panga).

l. At Bhadrak the retail price of salt is 10 seers per rupee.

m. At Khurda the retail price of salt is 11½ seers per rupee.

n. At Gobindpur the retail price of salt is 10 seers 10 chitaks per rupee.

Published for general information.

F. A. SLACKE.

Secretary to the Govt of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, &c.,

Number.	MARKS.	RICE (BEST SORT).			COMMON RICE (mota chaul).			WHEAT (<i>Triticum sativum</i>).			BARLEY (<i>Hordeum vulgare</i>).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Calcutta	Rs. A. P. 5 0 0	Rs. A. P. 5 0 0	Rs. A. P. 4 12 0	Rs. A. P. 3 12 0	Rs. A. P. 3 12 0	Rs. A. P. 3 4 0	Rs. A. P. 3 8 0	Rs. A. P. 3 12 0	Rs. A. P. 3 12 0	Rs. A. P. 2 4 0	Rs. A. P. 2 6 0	Rs. A. P. 2 6 0
2	Burdwan	3 8 9	4 1 0	2 15 0	3 2 0	3 2 0	2 12 0	...	...	3 4 0	...	...	...
3	Midnapore	{ Old 0 0 New 4 4 3 }	3 14 0	3 12 0	{ Old 3 8 11 New 3 5 10 }	2 12 0	2 14 0	...	...	...	...	...	...
4	Fabua	6 8 0	6 8 0	6 0 0	2 15 6	2 13 0	2 7 3	2 10 6	2 10 6	2 5 0	...	...	...
5	Rangpur	5 0 0	5 0 0	4 6 0	3 8 0	3 8 0	2 10 0	3 8 0	3 8 0	3 0 0	...	...	...
6	Dacca	4 0 0	3 14 0	3 8 0	3 6 0	3 2 0	2 4 0	3 15 0	3 12 0	3 12 0	...	...	1 4 0
7	Chittagong	...	...	3 12 0	3 4 0	3 8 0	2 12 0	...	...	...	...	...	...
8	Patna	3 4 0	3 4 0	2 12 0	2 7 0	2 5 0	2 3 6	2 10 0	2 7 0	2 7 0	1 14 0	1 12 0	1 11 0
9	Muzaffarpur	4 7 0	4 7 0	5 5 0	2 12 0	2 10 6	2 9 3	3 1 3	2 3 9	2 12 0	2 0 0	2 0 0	2 1 6
10	Bhagalpur	3 15 0	4 0 0	2 14 6	2 6 0	2 7 0	2 4 6	3 2 10	3 3 0	2 10 0	1 12 0	1 12 0	1 14 0
11	Cuttack	3 6 6	3 6 6	3 6 6	2 8 6	2 12 0	2 5 6	3 9 0	3 6 0	4 2 0	...	...	...
12	Ranchi	3 3 0	3 1 4	5 0 0	2 5 6	2 5 6	3 13 0	{ 3 10 0 to 3 6 6 }	{ 3 10 0 to 5 6 6 }	{ 3 10 0 to 5 2 6 }	3 5 3	2 10 0	...

CALCUTTA,
The 8th January 1901.

JUAR OR CHOLUM (<i>Sorghum vulgare</i>).			BAJRA OR CUMBU (<i>Pennisetum typhoideum</i>).			MARUA OR RAGI (<i>Eleusine corocana</i>).			GRAM, CHANA, CHOLA, . . KADALAY, OR SUNAGA (<i>Cicer arietinum</i>).		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
15	16	17	18	19	20	21	22	23	24	25	26
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
2 2 0	2 10 0	...	2 8 0	2 12 0	3 12 0	...	...	...	3 4 0	3 0 0	2 8 0
...	2 14 0	2 14 0	2 8 0
...
...	3 5 0	3 5 0	2 13 9
...	3 4 0	3 4 0	3 0 0
...	3 2 0	3 2 0	2 8 0
...	3 14 0	4 0 0	4 0 0
1 9 0	1 10 0	4 12 0	...	...	...	...	...	...	1 15 0	1 15 0	1 15 0
...	1 8 6	1 8 6	1 14 6	2 8 0	2 8 0	2 3 6
...	2 8 0	2 9 0	1 15 6
...	3 2 0	2 11 0	2 0 6
...	3 1 0 to 3 5 3	3 1 0 to 3 5 3	2 10 6 to 2 13 3

PRICE PER MAUND OF

INDIAN-CORN OR MAIZE (<i>Zea mays</i>).			ARHAR DAL OR THUR— CADJAN PEA (<i>Cajanus indicus</i>).			LINSEED.			MUSTARD AND RAPESEED.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
27	28	29	30	31	32	33	34	35	36	37	38
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
2 0 0	2 0 0	2 12 0	4 0 0	4 4 0	3 12 0	6 12 0	7 0 0	5 4 0	5 12 0	6 0 0	4 4 0
...	...	...	4 7 0	4 7 0	3 5 0	...	...	...	6 8 0	7 3 0	4 8 0
...	...	...	...	...	...	6 8 0	6 8 0	4 8 0	Black mustard 6 12 0 | 6 8 0 } to No Rapeseed import. 5 14 0		
...	...	...	5 5 0	5 5 0	4 6 0	6 4 0	6 8 0	4 4 0	5 8 0	5 8 0	4 6 0
2 12 0	2 12 0	2 12 0	5 0 0	5 0 0	4 0 0	...	...	...	6 8 0	6 8 0	4 8 0
...	...	...	4 8 0	4 8 0	3 12 0	...	...	...	...	...	...
...	...	...	5 4 0	5 8 0	4 12 0	...	...	...	7 0 0	7 0 0	4 8 0
1 10 0	1 8 0	2 1 0	2 5 0	2 1 0	2 12 0	4 14 0	4 14 0	3 14 0	6 10 0	6 0 0	3 14 0
1 10 0	1 8 6	2 5 10 1/2	3 13 0	3 10 0	3 5 3	...	...	...	...	...	...
1 12 0	1 12 0	1 14 6	4 8 0	4 8 3	3 8 6	6 4 0	6 0 0	4 6 0	8 0 0	8 0 0	4 6 0
...	...	...	3 3 0	3 3 0	1 14 6	...	...	...	6 0 0	6 2 6	3 12 0
...	...	...	5 6 6	5 6 6	5 0 0	5 0 0	5 0 0	5 0 0	7 4 3	7 4 3	5 14 9

40 STANDARD SEERS.

TIL OR JINJILI SEED.			SUGAR (RAW).			COTTON, CLEANED.			JUTE.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
39	40	41	42	43	44	45	46	47	48	49	50
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
5 4 0	5 8 0	4 4 0	4 12 0	4 12 0	4 14 0	18 0 0	18 0 0	16 0 0	4 12 0	5 0 0	5 0 0
...	...	...	3 11 0	5 0 0	4 2 0	...	...	18 0 0	...	...	...
...	...	...	{ 5 0 0 to 5 8 0 }	{ 4 8 0 to 5 8 0 }	} 5 4 0	{ 18 0 0 to 20 0 0 }	{ 18 0 0 to 20 0 0 }	{ 18 0 0 to 20 0 0 }	} ...	...	...
...	...	...	5 0 0	5 0 0	4 5 0	21 0 0	21 0 0	18 0 0	3 14 0	4 0 0	5 4 0
...	...	...	7 0 0	6 8 0	6 4 0	...	...	...	4 4 0	4 4 0	5 0 0
...	...	...	5 12 0	6 0 0	6 4 0	...	...	...	4 8 0	4 12 0	5 2 0
...	...	...	5 4 0	5 8 0	5 0 0	15 8 0	15 4 0	15 0 0	...	...	...
4 10 0	4 14 0	3 12 0	3 12 0	4 0 0	3 8 0	18 0 0	17 0 0	16 0 0	3 0 0	3 0 0	5 0 0
...	...	...	3 5 0	3 5 3	2 9 3	...	...	...	...	...	...
...	...	...	4 0 0	4 0 0	3 8 0	20 0 0	17 12 0	20 0 0	...	...	...
3 8 0	3 10 0	3 4 0	4 8 0	4 8 0	5 12 0	22 0 0	22 0 0	24 8 0	...	...	...
...	...	...	{ 4 7 0 to 5 0 0 }	{ 4 11 0 to 5 0 0 }	{ 4 0 0 to 4 7 0 }	22 12 0	22 12 0	22 12 0	...	...	...

GHI (CLARIFIED BUTTER).			TOBACCO LEAF.			HIDES (COW).			GRASS.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
51	52	53	54	55	56	57	58	59	60	61	62
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
39 0 0	42 8 0	35 0 0	9 0 0	9 0 0	6 0 0	250 0 0	250 0 0	250 0 0	1 0 0	1 5 4	0 12 0
41 0 0	41 0 0	32 0 0	...	...	...	...	...	...	...	...	...
42 0 0	42 0 0	32 0 0	7 8 0	7 8 0	7 8 0	Uncleaned hides per piece.			...	...	...
53 0 0	53 0 0	55 0 0	10 12 0	10 12 0	9 12 0	Cleaned hides per piece.			...	...	...
42 0 0	42 0 0	35 0 0	11 0 0	11 0 0	9 0 0	...	...	...	...	...	...
42 0 0	42 0 0	35 0 0	7 8 0	7 8 0	8 0 0	...	...	...	0 2 6	0 2 6	0 2 6
42 0 0	42 0 0	35 0 0	10 0 0	10 0 0	7 0 0	25 0 0	30 0 0	25 0 0	0 4 0	0 4 0	0 4 0
45 0 0	44 0 0	45 0 0	12 14 0	13 0 0	12 0 0	17 8 0	18 0 0	18 8 0	...	...	...
36 0 0	36 0 0	29 0 0	3 0 0	3 0 0	3 0 0	...	...	...	0 5 0	0 5 0	0 5 0
35 9 0	35 9 0	29 1 6	8 0 0	8 0 0	10 0 0	...	...	...	...	...	...
37 4 0	37 4 0	36 0 0	4 12 0	4 12 0	...	...	...	...	...	...	...
39 6 0	35 10 0	28 8 0	4 4 0	4 4 0	4 4 0	25 0 0	25 0 0	25 0 0	0 9 0	0 9 0	0 8 11
36 0 0	36 0 0	29 8 0	8 0 0	8 0 0	8 0 0	1 0 0	1 0 0	1 0 0	0 2 8	0 2 8	0 2 8
42 10 8	42 10 8	34 0 0	13 0 0	13 0 0	13 0 0	...	...	...	...	...	...

in the undermentioned Marts of Bengal on the 31st December 1900.

STRAW.			JUAR STALKS.			PRICES PER MAUND OF 40 STANDARD SEERS.									MARTS.
						IRON.			FIREWOOD.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
0 12 0	0 12 0	0 8 0	...	...	...	5 4 0	5 4 0	5 4 0	0 9 0	0 9 0	0 8 0	3 6 0	Panga. 3 6 0	3 5 0	1. Calcutta.
0 10 6	0 9 0	0 4 0	...	...	...	...	...	...	0 5 3	0 5 3	0 9 0	3 4 6	3 4 6	3 4 6	2. Burdwan.
{ 0 2 10 to 0 3 7	{ 0 2 10 to 0 3 7	0 2 5	...	...	...	{ 4 12 0 to 5 0 0	{ 4 12 0 to 5 0 0	{ 3 8 0 to 4 12 0	0 4 0	0 4 0	0 4 0	3 9 0	Panga. 3 9 0	3 8 0	3. Midnapore.
1 0 0	1 0 0	1 0 0	...	...	...	7 12 0	7 12 0	7 0 0	0 5 0	0 5 0	0 4 0	3 13 0	Panga. 3 13 0	3 13 6	4. Pabna.
0 7 0	0 7 0	0 7 0	...	...	...	7 8 0	7 8 0	8 0 0	0 5 0	0 5 0	0 5 0	4 0 0	Panga. 4 0 0	4 0 0	5. Rangpur.
...	...	...	...	...	...	6 0 0	6 0 0	5 12 0	0 5 6	0 5 0	0 5 0	3 11 0	Panga. 3 12 0	3 10 0	6. Dacca.
...	...	...	...	...	...	7 4 0	7 4 0	5 8 0	...	...	...	3 12 0	3 12 0	3 10 0	7. Chittagong.
0 5 0	0 5 0	0 5 0	...	...	...	4 0 0	4 0 0	3 0 0	0 5 0	0 5 0	0 5 0	3 8 0	3 8 0	3 7 0	8. Patna.
...	...	...	...	...	...	6 10 6	6 10 6	5 11 6	0 4 0	0 4 0	0 4 0	3 13 0	Panga. 3 13 0	3 7 0	9. Munaffarpur.
...	...	...	...	...	...	6 8 0	6 8 0	5 0 0	0 5 9	0 5 9	0 6 3	3 10 0	Panga. 3 10 0	3 12 0	10. Bhagaipur.
0 9 0	0 9 0	0 8 0	...	...	...	4 2 0	4 2 0	4 8 0	0 4 0	0 4 0	0 4 0	3 2 0	Karkatch. 3 2 0	3 0 0	11. Cuttack.
No fixed rate.			...	...	...	8 0 0	8 0 0	5 0 0	0 4 0	0 4 0	0 4 0	4 2 0	Panga. 4 2 0	4 2 0	12. Ranchi.

F. A. SLACKE,
Secretary to the Govt. of Bengal.

STOCKS OF RICE IN AND AROUND CALCUTTA.

No. 16 Statistics.—The following is published for general information.

F. A. SLACKE,
Secy. to the Govt. of Bengal.

Statement showing the Stocks of Rice in and around Calcutta during January 1901.

NAMES OF MARKS.	STOCK IN HAND AS COMPILED ON—													
	1st week of Jan. 1900.	1st week of Feb. 1900.	1st week of March 1900.	1st week of April 1900.	1st week of May 1900.	1st week of June 1900.	1st week of July 1900.	1st week of Aug. 1900.	1st week of Sept. 1900.	2nd week of Oct. 1900.	2nd week of Nov. 1900.	1st week of Dec. 1900.	1st week of Jan. 1901.	
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
Balighata	2,10,000	3,11,000	4,18,000	2,55,000	2,25,000	5,38,000	7,72,000	5,20,000	5,48,000	4,88,000	3,55,000	2,63,000	2,66,000	
Ultadanga	32,700	45,500	61,200	63,500	91,500	88,000	80,200	82,400	69,500	48,000	34,500	24,100	26,500	
Chitpur, Golabaree, Kumar- tooly, Hatkhola, and Culp Gast.	2,04,300	2,78,500	2,79,900	3,16,500	2,94,000	2,69,500	2,65,500	2,67,500	2,67,500	2,11,500	1,68,700	1,32,200	1,45,900	
Pathurighatta, Posta, and Jorabagan.	4,800	6,300	8,100	5,900	5,400	4,000	3,800	3,300	3,400	3,600	2,500	2,500	3,700	
Talvaunge, Chetla, Kidderpore, and Munstiganj.	1,42,100	2,00,000	2,60,500	2,62,500	2,14,700	1,82,000	1,32,500	1,70,600	1,64,200	65,000	61,700	43,000	80,000	
Minor bazars(1)	2,40,000	2,40,000	2,40,000	2,40,000	2,10,000	2,10,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	
Other retail shops(1)	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,60,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	
Ramkrishnapur*	1,18,000	1,56,500	1,62,200	2,72,000	2,40,000	2,67,500	1,80,000	1,38,500	1,22,000	99,500	95,500	70,500	66,200	
Baidyabati, Nawabganj, Bha- dreswar and Chanderanagar,†	2,037	4,994	5,000	4,575	1,375	1,150	1,531	1,169	4,425	775	3,502	5,400	4,025	
Total	12,03,437	14,87,794	16,94,900	23,94,975	22,70,875	20,87,150	19,94,531	17,52,409	16,56,625	13,86,375	12,11,402	10,42,600	10,23,525	
On Railway premises on both sides of the river.‡	27,937 (on 3rd Jan. 1900.)	74,018 (on 3rd Feb. 1900.)	56,947 (on 3rd March 1900.)	27,226 (on 3rd April 1900.)	14,093 (on 3rd May 1900.)	19,465 (on 3rd June 1900.)	29,187 (on 3rd July 1900.)	5,795 (on 3rd August 1900.)	6,939 (on 3rd Sept. 1900.)	6,489 (on 13th Oct. 1900.)	9,349 (on 5th Nov. 1900.)	36,140 (on 3rd Dec. 1900.)	51,658 (on 4th Jan. 1901.)	
On boats not yet unloaded—														
By Port Commissioners' returns.	51,539 (1st to 3rd Jan. 1900.)	54,305 (1st to 3rd Feb. 1900.)	53,233 (1st to 3rd March 1900.)	40,923 (1st to 3rd April 1900.)	33,420 (1st to 3rd May 1900.)	7,415 (1st to 3rd June 1900.)	33,667 (2nd to 4th July 1900.)	28,913 (1st to 3rd August 1900.)	25,001 (1st to 3rd Sept. 1900.)	32,659 (11th to 13th Oct. 1900.)	36,896 (3rd to 5th Nov. 1900.)	39,804 (1st to 3rd Dec. 1900.)	32,788 (2nd to 4th Jan. 1901.)	
By Canal returns	81,414 (1st to 3rd Jan. 1900.)	1,33,549 (1st to 3rd Feb. 1900.)	1,62,637 (1st to 3rd March 1900.)	75,856 (1st to 3rd April 1900.)	48,683 (1st to 3rd May 1900.)	32,140 (1st to 3rd June 1900.)	38,807 (2nd to 4th July 1900.)	73,466 (1st to 3rd August 1900.)	48,650 (1st to 3rd Sept. 1900.)	19,715 (on 11th to 13th Oct. 1900.)	48,654 (3rd to 5th Nov. 1900.)	31,792 (1st to 3rd Dec. 1900.)	84,581 (2nd to 4th Jan. 1901.)	
Grand Total of Stocks ...	13,64,377	17,49,666	19,57,717	25,38,980	23,50,470	21,46,170	20,95,193	18,60,583	17,35,715	14,45,218	13,06,601	11,50,336	11,91,902	

(1) Estimated as a constant quantity.

* This mart is in the Howrah district, and the figures have been obtained by local enquiry.

† Figures furnished by the Collector of Hooghly.

‡ Figures furnished by the Railway authorities.

STATISTICAL DEPARTMENT,
The 8th January 1901.

F. A. SLACKE,
Secy. to the Govt. of Bengal.

Abstract of the Results of Meteorological Observations taken at the Alipore Observatory in the month of December 1900.

	Inches.	Date.	Hour.
The mean pressure of the month	30.037		
The average pressure of December from 24 years' registers ...	30.027		
The highest pressure in the month	30.201	22nd	10
The lowest pressure in the month	29.848	4th	16
The range of pressure	0.353		
	Hours.		
The total number of hours of bright sunshine during the month	248.2		
The maximum possible number of hours of sunshine ...	332.8		
	°		
The mean temperature of the month	67.5		
The average temperature of December from 24 years' registers	68.0		
The highest temperature in the month	83.3	5th	
The lowest temperature in the month	54.8	10th	
The range of temperature during the month	28.5		
The mean daily range of temperature	22.0		
The greatest range of temperature in one day	26.3	4th and 10th	
	Per cent.		
The mean humidity of the month	73		
The average humidity of December from 24 years' registers ...	71		
	Inches.		
The mean vapour tension of the month	0.481		
The average vapour tension of December from 9 years' registers	0.476		
The mean cloud proportion of the month	1.44		
The average cloud proportion of December from 23 years' registers	1.51		
	Inches.		
The total rainfall of the month	0.05		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0.04		
The average fall of December from 48 years' registers ...	0.23		
The greatest fall in 24 hours	0.05	28th	
	Day.		
The number of rainy days in the month	1		
The average number of rainy days in December from 24 years' registers	1		
	°		
The mean maximum equilibrium temperature of solar radiation during the month	131.8		
The mean difference of sun and air temperatures	51.7		
The greatest sun temperature	135.8	5th and 8th	
The greatest excess of sun over air temperature	56.4	8th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	53.2		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	4.9		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	6.1	8th	
	Miles.		
The mean movement of the wind per day	70.8		
The greatest movement of the wind in one day	117.0	12th	
The greatest movement of the wind in one hour	13.0?	12th 1 to 2 P.M.	
The number of hours with winds from each of the 8 points—			
* N. 278, N.E. 38, E. 11, S.E. 14, S. 10, S.W. 41, W. 39, N.W. 197, Calm 96.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2.3 lower; and, finally, the thermometer, which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards, is found to read 0.6 higher than the Kew Standard thermometer, which is the standard of reference at the present Observatory.

* The anemograph stopped on two days, hence there has been a deficiency in the wind direction for 20 hours.

G. W. KÜCHLER,

METEOROLOGICAL OFFICE, GOVT. OF INDIA,
Alipore (Calcutta), the 7th January 1901.

For Meteorological Reporter to the Govt. of India,
and Director-General of Indian Observatories.

**Results of the Meteorological Observations taken at the Alipore Observatory from
30th December 1900 to 5th January 1901.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1900.				Inches.	°	°	°	°	°	Inch.	°	%			Inches.	
Dec.	30th	127.8	7.6	30.029	65.8	76.2	18.0	58.2	60.6	0.462	56.7	74	N, NNW and NNE	76	Nil	Partially cloudy.
"	31st	125.8	8.7	.002	65.5	77.0	20.9	56.1	60.0	.449	55.9	73	NNE and N	78	"	Chiefly clear, Δ .
1901.	1st	129.6	7.6	29.979	66.8	78.5	21.5	57.0	60.9	.460	56.3	71	NNE, NNW, and N.	123	"	Partially cloudy Δ .
"	2nd	94.8	Nil	.968	63.9	66.5	5.7	60.8	61.5	.517	59.9	87	NNW and N	90	"	Cloudy, o. g.
"	3rd	79.8	"	.975	65.0	66.5	5.3	61.2	63.6	.572	62.7	93	N and NE	40	0.13	Cloudy, o. d. p.
"	4th	80.8	"	.968	64.9	64.0	2.5	61.5	63.6	.575	62.9	94	N and NNE	79	0.80	Cloudy, o. g. d. p.
"	5th	130.3	4.9	.970	65.8	72.4	11.3	61.1	63.2	.546	61.4	87	NE by N and NNW.	70	0.10	Chiefly cloudy, o. g. p.

The mean pressure of the seven days	...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	29.984
The total number of hours of bright sunshine	...	...	...	...	Hours.
The maximum possible number of hours of sunshine	...	...	...	...	28.8
The mean temperature of the seven days	...	...	...	...	°
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	65.4
The extreme variation of temperature	...	...	...	...	67.1
The maximum temperature	...	...	...	...	22.4
The highest velocity of the wind in one hour	...	...	...	...	78.5
The mean relative humidity	...	...	...	...	Miles.
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	14.2
The total fall of rain from 30th December 1900 to 5th January 1901	...	...	...	...	%
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	83
The total fall from 1st January 1900 to 5th January 1901	...	...	...	...	71
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	Inches.
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.	...	...	...	...	1.03
The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.	...	...	...	...	0.04
The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.	...	...	...	...	90.35
The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.	...	...	...	...	65.28
The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.	...	...	...	...
The mouth of the rain-gauge is one foot above the ground.	...	...	...	...

N. B.—The total fall from 1st January to 31st December 1900 ... Ins.
The average fall of the corresponding period for 24 years, Surveyor-General's Office ... 89.32
... 65.24

Δ , dew; o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,
Alipore (Calcutta), the 7th January 1901.

G. W. KUCHLER,
For Meteorological Reporter to the Govt. of India,
and Director-General of Indian Observatories.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 22nd December 1900, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 22ND DECEMBER 1900.			WEEK ENDING SATURDAY, THE 23RD DECEMBER 1899.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	729	1,03,000	1,588	1,110	1,11,670	1,634
Jute ...	243	1,04,750*	1,637	132	64,800	942
Firewood ...	62	62,875	820	59	43,950	672
Other articles ...	753	1,66,987	2,295	805	1,93,700	2,560
Total ...	1,787	4,37,612	6,340	2,106	4,14,050	5,808

* Weight by canal measurement—97,075 maunds.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 29th December 1900, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 29TH DECEMBER 1900.			WEEK ENDING SATURDAY, THE 30TH DECEMBER 1899.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	977	1,33,875	2,181	1,196	1,64,975	2,584
Jute ...	200	87,300*	1,312	196	91,800	1,505
Firewood ...	71	53,875	821	83	75,550	1,133
Other articles ...	755	1,75,830	2,307	611	1,35,325	1,831
Total ...	2,003	4,50,880	6,621	2,086	4,67,650	7,053

* Weight by canal measurement—79,837½ maunds.

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Abstract of principal Commodities carried over the Bengal Central Railway during the month of October 1900 as compared with the same month of previous year.

ARTICLES.	1900.		1899.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1900.	1899.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Animals	2	2			4		4	
Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.								
Coal and Coke carried for the Public and Foreign Railways.	781		1,061	11	781	1,072		291
Cotton, raw	1		2	1	1	3		2
Cotton, manufactured—								
Twist and yarn, European	38		40		38	40		2
Ditto, Indian	3		4		3	4		1
Piece-goods, European	70	1	47		71	47	24	
Ditto, Indian	3		1		3	1	2	
Others								
Chemicals, excepting saltpetre								
Drugs—								
Intoxicating, other than opium								
Non-intoxicating—								
Medical preparations								
Others	6	1	1		7	1	6	
Dyes and Tans—								
Indigo								
Myrabolams								
Cutch								
Turmeric	4	39	6	8	43	14	29	
Alizarine and Aniline Dyes								
Al (Morinda Citrifolia)								
Tanning Barks								
Others	1				1		1	
Fodder—								
Oleiferae	67	20			87		87	
Hay, straw and grass								
Fruits and vegetables, fresh	10	63			73		73	
Grain and Pulse—								
Wheat	1				1		1	
Rice in the husk	61	22	20	23	83	43	40	
Do, not in the husk	31	938	21	2,811	660	2,832		1,863
Jawar and bajra								
Gram and pulse	95	108	38	580	203	577		374
Wheat flour	30	3			39		39	
Others								
Hides and Skins—								
Hides of cattle—								
Dressed or tanned		56		18	56	18	38	
Raw								
Skins of sheep and other animals—								
Dressed or tanned		9		1	9	1	8	
Raw								
Horns								
Hemp (Indian) and other fibres, excluding jute				37		37		37
Jute—								
Raw		21,250		8,466	21,256	8,466	12,790	
Gunny-bags and cloth	36	4	46	1	40	47		7
Lac								
Leather—								
Unwrought								
Wrought, excepting boots and shoes			1			1		1
Liquors—								
Ale and beer								
Spirit of all kinds, including country spirit								
Wine	1		1		1	1		
All other sorts, including toddy and fermented liquor, other than ale and beer.								
Metals—								
Copper, unwrought								
Brass, ditto								
Copper, wrought								
Brass, ditto	6	2	1	5	8	6	2	
Iron and steel—								
Cast	8		7		8	7	1	
Unwrought			1					
Wrought	66	2	5		68	5	63	1
Manufactures	2		2		2	2		
Others	64	21	12	12	85	24	61	
Oils—								
Kerosine	173	1	119	13	174	132	42	
Castor								
Cocoonut	16	1	9		17	9	8	
Mustard and rape	76	2	34		78	34	44	
Others	9				9		9	
Oilseeds—								
Linseed		10		56	10	56		46
Rape and mustard	122		18	19	122	37	85	
Til or jinjili				30		30		30
Poppy								
Earth-nuts								
Castor								
Others		8						
Opium					8		8	
Paper and Pasteboard	5		9		5	9		4
Provisions—								
Ghee	2		2		2	2		
Dried fruits and nuts		38		58		58		20
Others	2	6	21	43	8	64		56

ARTICLES.	1900.		1899.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1900.	1899.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Railway plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines, and tenders, and parts thereof.	...	...	...	...	...	...	...	...
Carriages and trucks, and parts thereof.	...	...	...	...	...	...	...	...
Materials—								
Steel rails and fish-plates.	...	...	...	...	...	...	...	...
Sleepers and keys of steel and cast-iron.	...	...	...	...	...	...	...	...
Other sorts.	...	...	...	...	...	...	...	...
Salt.	342	1	230	...	343	230	113	...
Salt-petre and other saline substances—								
Salt-petre.	...	...	...	...	...	...	...	...
Other saline substances.	...	...	...	...	...	...	...	...
Silk, raw—								
Foreign.	...	...	...	...	...	...	...	...
Indian.	...	...	...	...	...	...	...	...
Silk, piece-goods—								
Foreign.	...	...	...	...	...	...	...	...
Indian.	...	...	...	...	...	...	...	...
Spices—								
Betel-nuts.	...	1,595	...	1,071	1,595	1,701	524	...
Pepper.	...	...	...	...	...	...	...	...
Ginger.	...	...	...	...	...	...	...	...
Chillies.	23	11	9	8	34	17	17	...
Cardamoms.	...	...	...	...	...	...	...	...
Others.	2	...	1	10	2	11	...	9
Stone and lime.	15	30	1	14	46	15	31	...
Sugar—								
Refined or crystallized, including sugar-candy.	52	3	27	15	55	42	13	...
Unrefined—								
Sugar.	10	36	1	6	46	7	39	...
Gur, rab, molasses, jaggery, and other saccharine produce.	2	1	...	...	3	...	3	...
Tea—								
Foreign.	...	...	...	...	...	...	...	...
Indian.	...	...	...	...	...	...	...	...
Tobacco—								
Unmanufactured.	84	56	45	40	140	85	55	...
Manufactured—								
Cigars.	...	...	...	...	...	...	...	...
Other sorts.	1	...	1	...	1	1	...	...
Wood—								
Timber, unwrought.	57	1	32	1	58	33	25	...
Manufactures.	2	15	...	...	17	...	17	...
Wool, raw.	...	...	...	...	...	...	...	...
Wool, Manufactured—								
Carpets and rugs.	...	...	...	...	...	...	...	...
Piece-goods, European.	...	...	...	...	...	...	...	...
Do, Indian.	...	...	...	...	...	...	...	...
Other sorts of manufactures.	...	...	...	...	...	...	...	...
All other articles of merchandise.	289	99	146	137	338	283	105	...
Total.	2,078	24,461	2,022	13,454	27,139	15,476	14,407	2,744

CALCUTTA, the 3rd January 1901.

T. SIDDLE,
Chief Auditor and Accountant.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

Statement of Goods Traffic for the month of September 1900, compared with the corresponding period in 1899.

DESCRIPTION OF GOODS.	1899.		1900.		Increase.		Decrease.	
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
I.—Apparel, including 'drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	...	...	...	...	...	...	...	...
II.—Coal and Coke carried for the Public and Foreign railways.	...	...	7	1	7	1	...	...
III.—Cotton—			297	16	297	16	...	...
1. Raw ...	...	...	...	...	...	...	...	...
2. Manufactured—								
(a) Twist and yarn { European	50	2	...	...	...	...	50	2
(b) " " { Indian ...	64	2	549	33	485	31	...	...
(c) Piece-goods { European	291	14	1,681	108	1,390	94	...	...
(d) " " { Indian ...	313	16	1,338	83	1,025	67	...	...
(e) Others ...	...	...	...	...	...	...	...	...
IV.—Chemicals, excepting saltpetre	...	...	...	...	...	...	...	...
V.—Drugs—								
1. Intoxicating, other than opium.	...	...	...	...	...	...	...	...
2. Non-intoxicating—								
(a) Medicinal preparations	5	1	43	3	38	2	...	...
(b) Others ...	...	...	...	...	...	...	...	...
VI.—Dyes and Tans—								
1. Al (Morinda citrifolia) ...	...	...	...	...	...	...	...	...
2. Alizarine and aniline dyes	...	...	...	...	...	...	...	...
3. Cutch ...	...	...	14	1	14	1	...	...
4. Indigo ...	...	...	...	...	...	...	...	...
5. Myrabolams ...	...	...	5	1	5	1	...	...
6. Tanning barks ...	...	...	...	...	...	...	...	...
7. Turmeric ...	...	...	...	...	...	...	...	...
8. Others ...	...	...	...	...	...	...	...	...
VII.—Fodder—								
1. Oil-cake ...	...	...	...	...	...	...	...	...
2. Hay, straw and grass ...	...	...	...	...	...	...	...	...
VIII.—Fruits and vegetables, fresh ...	...	...	7	1	7	1	...	...
IX.—Grain and Pulse—								
1. Gram and pulse ...	...	...	11,817	233	11,817	233	...	...
2. Jawar and bajra ...	...	...	...	...	...	...	...	...
3. Rice { in the husk ...	53	1	3,830	78	3,777	77	...	...
4. " " { not in the husk ...	6	1	2,814	46	2,808	45	...	...
5. Wheat ...	...	...	448	7	448	7	...	...
6. Wheat-flour ...	...	...	17	1	17	1	...	...
7. Makai ...	...	...	...	...	...	...	...	...
8. Others ...	30	1	3,407	75	3,377	74	...	...
X.—Hides and Skins—								
1. Hides of cattle—								
(a) Dressed or tanned ...	...	...	...	...	...	...	...	...
(b) Raw ...	...	...	4	1	4	1	...	...
2. Skins of sheep and other animals—								
(a) Dressed or tanned ...	...	...	...	...	...	...	...	...
(b) Raw ...	8	1	62	2	44	1	...	...
XI.—Horns ...	...	...	...	...	...	...	...	...
XII.—Hemp (Indian) and other fibres, excluding jute.	...	...	...	...	...	...	...	...
XIII.—Jute—								
1. Raw ...	...	...	...	...	...	...	...	...
2. Gunny-bags and cloth ...	118	4	337	22	222	18	...	...
XIV.—Lac ...	...	...	...	...	...	...	...	...
XV.—Leather—								
1. Unwrought ...	...	...	...	...	...	...	...	...
2. Wrought, excepting boots and shoes.	...	...	...	...	...	...	...	...
XVI.—Liquors—								
1. Ale and Beer ...	...	...	...	...	...	...	...	...
2. Spirits of all kinds, including country spirits.	...	...	...	...	...	...	...	...
3. Wine ...	...	...	1	1	1	1	...	...
4. All other sorts, including toddy and fermented liquor, other than ale and beer.	...	...	...	...	...	...	...	...
XVII.—Metals—								
1. Brass, unwrought ...	...	...	4	1	4	1	...	...
2. " wrought ...	24	1	133	8	109	7	...	...
3. Copper, unwrought ...	...	...	...	...	...	...	...	...
4. " wrought ...	13	1	7	1	...	...	6	...
5. Iron and steel—								
(a) Cast ...	...	...	38	2	38	2	...	...
(b) Unwrought ...	...	...	...	...	...	...	...	...
(c) Wrought ...	...	...	196	11	196	11	...	...
(d) Manufactures ...	609	23	77	3	...	...	432	20
6. Others ...	...	...	46	3	46	3	...	...
XVIII.—Oils—								
1. Kerosine ...	...	...	1,441	66	1,441	66	...	...
2. Castor ...	...	...	89	3	89	3	...	...
3. Coconut ...	...	...	...	...	...	...	...	...
4. Mustard and rape ...	...	...	...	...	...	...	...	...
5. Others ...	...	...	2	1	2	1	...	...

SUPPLEMENT TO THE CALCUTTA GAZETTE, JANUARY 9, 1901. 151

DESCRIPTION OF GOODS.	1899.		1900.		Increase.		Decrease.	
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
XIX.—Oilseeds—								
1. Castor ... ..	...	...	...	...	...	...	...	...
2. Earthnuts ... ..	...	...	...	...	...	...	...	...
3. Linseed	226	3	3,941	103	3,715	100	...	...
4. Poppy ... ..	...	...	...	...	...	...	...	...
5. Rape and mustard ...	...	...	2,076	56	2,076	56	...	...
6. Til or jinjli ... ..	...	...	...	...	...	...	...	...
7. Others	1,940	45	446	12	...	...	1,494	34
XX.—Opium ... ..	...	...	...	...	...	...	...	...
XXI.—Paper and pasteboard ...	...	...	4	1	4	1	...	...
XXII.—Provisions—								
1. Dried fruits and nuts ...	...	...	27	22	27	22	...	...
2. Ghee ... ..	...	...	6	1	...	...	...	...
3. Others ... ..	...	...	826	35	826	35	...	...
XXIII.—Railway plant and rolling-stock carried for the public and foreign railways—								
1. Locomotive engines and tenders and parts thereof.	...	...	...	...	...	...	...	...
2. Carriages and trucks and parts thereof.	...	...	...	...	...	...	...	...
3. Materials—								
(a) Steel rails and fish-plates.	...	...	...	...	...	...	...	...
(b) Sleepers and keys of steel and cast iron.	...	...	...	...	...	...	...	...
(c) Others ... ..	...	...	...	...	...	...	...	...
XXIV.—Salt	370	3	4,172	170	3,802	167	...	...
XXV.—Saltpetre and other saline substances—								
1. Saltpetre ... ..	...	...	...	...	...	...	...	...
2. Other saline substances ...	...	...	...	...	...	...	...	...
XXVI.—Silk—								
1. Raw—								
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian	5	1	...	...	...	...	5	1
2. Piece-goods—								
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
XXVII.—Spices—								
1. Betelnuts	12	1	183	10	171	9	...	...
2. Cardamoms ... ..	...	...	...	...	...	...	...	...
3. Chillies ... ..	...	...	36	2	36	2	...	...
4. Ginger ... ..	...	...	...	...	...	...	...	...
5. Pepper	122	5	282	18	160	13	...	...
6. Others	45	2	305	17	262	15	...	...
XXVIII.—Stone and lime ...	...	...	...	...	...	...	...	...
XXIX.—Sugar—								
1. Refined or crystallized, including sugarcandy.	...	...	240	10	240	10	...	...
2. Unrefined—								
(a) Sugar ... ..	...	...	...	...	...	...	...	...
(b) Gur, rab, jaggree, molasses, and other saccharine produce.	...	...	...	...	...	...	...	...
XXX.—Tea—								
1. Foreign ... ..	...	...	...	...	...	...	...	...
2. Indian ... ..	...	...	...	...	...	...	...	...
XXXI.—Tobacco—								
1. Unmanufactured ... ..	...	...	139	7	139	7	...	...
2. Manufactured—								
(a) Cigars ... ..	...	...	16	1	16	1	...	...
(b) Other sorts ... ..	...	...	6	1	6	1	...	...
XXXII.—Wood—								
1. Timber, unwrought ... ..	...	...	...	...	...	...	...	...
2. Logs ... ..	...	...	326	—64	326	—64	...	...
3. Poles ... ..	...	...	...	...	...	...	...	...
4. Manufactures ... ..	...	...	3	1	3	1	...	...
XXXIII.—Wool—								
1. Raw ... ..	...	...	...	...	...	...	...	...
2. Manufactured—								
(a) Carpets and rugs ... ..	...	...	...	...	...	...	...	...
(b) Piece-goods {European	...	...	...	...	...	...	...	...
(c) } Indian	32	2	13	1	...	...	19	1
(d) Other sorts of manufactures.	...	...	...	...	...	...	...	...
XXXIV.—All other articles of merchandise—								
1. Indigo-seed ... ..	...	...	...	...	...	...	...	...
2. Firewood ... ..	...	...	...	...	...	...	...	...
3. Others not specified above	266	13	774	70	508	57	...	...
Total	4,497	144	42,522	1,286	40,031	1,200	2,006	58

GORAKHPUR, the 3rd January 1901.

CHARLES YOUNG,
Offg. Auditor of Accounts.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 22nd December 1900, on 1,837.09 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total Traffic for the week ...	324,139	3,92,144 5 0	55,94,466 20	10,10,603 1 0	21,273 0 0	14,24,020 6 0	106,248	196,790	303,038
Or per mile of Railway ...	...	213 7 4	...	550 1 9	11 9 4	775 2 5	...	...	...
For previous 24 weeks of half-year.	8,532,815*	95,47,214 2 0*	11,54,83,311 0†	2,05,92,493 1 0	5,37,021 0 0‡	3,04,76,727 3 0	2,573,811§	4,535,463§	6,910,274
Total for 25 weeks ...	8,856,954	97,39,358 7 0	12,10,77,777 20	2,16,03,095 2 0	5,58,294 0 0	3,19,00,747 9 0	2,680,059	4,533,253	7,213,312
(COMPARISON.									
Total for corresponding week of previous year.	321,539	3,94,771 6 2	49,80,445 0	10,52,805 2 10	40,062 15 4	14,88,539 8 4	101,083‡	191,402‡	292,485‡
Per mile of Railway corresponding week of previous year.	...	230 12 4	...	615 6 11	23 15 2	870 2 5	...	...	...
Total for corresponding 25 weeks of previous year.	8,089,239	87,34,600 4 9	11,38,31,606 20	2,18,46,088 1 9	7,44,017 2 9	3,13,24,705 9 3	2,429,041‡	4,425,784‡	6,894,825‡

(a) The decrease is chiefly due to heavier upward despatches of food-grains in the corresponding period of 1899.

* Added No. of passengers 33,964 and Rs. 63,211.

† Deducted Mds. 2,75,431 and added .. 10,631.

‡ Added .. 27,629.

§ Audited figures up to 19th November 1900.

1900.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.
1,836.15 ...	Week ended 7th July†	320,065	4,68,652	47,60,058	9,36,211	21,804	14,16,727	772	308,408
1,836.15 ...	" " 14th "	322,635	3,75,969	49,66,191	9,21,639	22,241	13,19,896	719	297,447
1,837.09 ...	" " 21st "	337,310	3,53,782	47,94,842	8,85,140	19,504	12,58,426	685	297,511
1,837.09 ...	" " 28th "	344,710	3,46,133	56,89,389	9,27,060	19,376	12,92,509	704	294,959
1,837.09 ...	" " 4th Aug.	362,321	4,51,735	45,10,233	8,31,984	18,627	12,92,674	704	290,428
1,837.09 ...	" " 11th "	367,079	4,02,927	40,65,767	8,29,762	31,165	12,56,534	684	293,475
1,837.09 ...	" " 18th "	344,267	3,69,027	44,26,720	7,51,000	10,290	11,56,247	620	295,213
1,837.09 ...	" " 25th "	323,975	3,33,163	46,00,273	7,69,206	24,415	11,9,724	610	276,863
1,837.09 ...	" " 1st Sept.	334,175	4,00,793	45,34,078	7,85,339	21,048	12,47,180	657	277,093
1,837.09 ...	" " 8th "	410,042	4,27,736	47,53,338	8,08,900	31,635	12,57,481	684	291,731
1,837.09 ...	" " 15th "	360,111	3,68,045	47,41,478	7,94,851	15,929	12,57,825	642	284,067
1,837.09 ...	" " 22nd "	398,288	3,24,581	38,32,084	6,03,022	17,806	9,46,090	515	285,401
1,837.09 ...	" " 29th "	372,820	3,99,337	40,31,663	6,68,892	22,351	10,24,590	590	274,060
1,837.09 ...	" " 6th Oct.	353,442	3,82,638	35,40,023	6,70,859	19,325	10,72,822	594	258,466
1,837.09 ...	" " 13th "	339,354	3,60,351	44,54,178	7,86,798	19,194	10,72,943	640	266,726
1,837.09 ...	" " 20th "	344,107	3,96,586	56,29,974	10,06,956	28,854	14,32,396	776	275,880
1,837.09 ...	" " 27th "	330,794	3,45,070	45,92,009	8,51,486	22,494	12,19,050	664	284,832
1,837.09 ...	" " 3rd Nov.	398,111	4,22,057	54,75,546	9,64,942	21,118	14,08,117	766	290,832
1,837.09 ...	" " 10th "	(a) 435,840	4,82,540	46,07,138	9,65,581	22,448	15,00,569	817	300,240
1,837.09 ...	" " 17th "	352,805	3,99,559	52,31,343	9,77,042	24,263	14,00,864	763	268,380
1,837.09 ...	" " 24th "	345,901	4,07,940	50,23,794	9,47,180	24,010	13,79,130	751	268,010
1,837.09 ...	" " 1st Dec.	332,150	3,68,038	52,40,355	9,67,603	23,219	13,58,560	740	261,600
1,837.09 ...	" " 8th "	337,833	3,78,480	62,92,387	9,74,168	20,787	13,58,435	745	268,299
1,837.09 ...	" " 15th "	331,750	3,78,168	54,14,400	9,97,061	21,578	13,97,047	709	264,983
1,837.09 ...	" " 22nd "	324,139	3,92,144	55,94,467	10,10,603	21,273	14,24,020	775	303,038
Totals up to date ...		8,856,954	97,39,358	12,10,77,778	2,16,03,095	5,58,294	3,19,00,747	695	7,213,312

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899—concluded.

1899.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1,710.67	8 days of July	425,807	4,54,371	45,59,139	8,06,060	16,693	12,77,124	747	307,318	4 9 5
1,710.67	Week ended 15th July	363,619	3,51,956	42,17,039	6,87,306	13,140	10,52,402	615	254,918	4 2 1
1,710.67	" " 22nd "	340,546	3,37,012	35,12,074	6,08,241	13,085	8,58,338	590	236,052	4 1 0
1,710.67	" " 29th "	305,060	3,05,455	34,23,200	5,78,387	12,612	8,96,754	624	235,052	3 12 11
1,710.67	" " 5th Aug.	308,292	3,31,852	39,50,345	6,39,140	14,839	9,85,851	576	243,941	4 0 8
1,710.67	" " 12th "	313,033	2,91,982	37,29,186	6,43,601	13,916	9,49,559	555	244,678	3 16 1
Adjustments on account of previous period.										
1,710.67	" " 19th "	396,970	2,91,933	39,30,581	1,70,137*	43,826†	2,15,963	...	...	...
1,710.67	" " 26th "	313,596	2,78,257	41,21,008	6,57,539	22,761	9,72,295	568	243,174	4 0 0
1,710.67	" " 2nd Sept.	289,293	2,76,592	48,51,418	6,89,028	24,138	9,91,417	580	240,401	3 15 7
1,710.67	" " 9th "	291,974	2,67,986	46,78,914	7,70,919	21,518	10,03,939	625	254,879	4 3 1
1,710.67	" " 16th "	310,412	3,31,326	44,47,736	8,59,448	22,590	11,06,041	647	264,104	4 3 1
1,710.67	" " 23rd "	345,177	3,74,256	43,67,571	9,12,071	22,271	12,04,045	704	277,838	4 5 4
1,710.67	" " 30th "	326,546	3,33,116	52,82,751	9,51,598	22,802	13,09,129	765	286,475	4 9 1
1,710.67	" " 7th Oct.	337,448	3,64,039	46,70,178	9,56,735	19,806	13,04,439	763	286,125	4 8 11
1,710.67	" " 14th "	331,368	3,52,629	47,34,397	8,89,685	29,452	14,50,226	789	298,339	4 8 5
1,710.67	" " 21st "	293,494	3,42,679	46,00,587	9,03,951	31,059	12,73,373	744	284,163	4 7 8
1,710.67	" " 28th "	305,345	3,83,081	53,31,354	10,09,143	24,068	18,70,608	743	282,407	4 8 0
1,710.67	" " 4th Nov.	279,071	3,61,809	46,98,427	9,99,576	32,810	14,25,034	833	297,361	4 12 8
1,710.67	" " 11th "	(a) 327,568	3,95,112	45,83,451	9,45,202	27,227	13,88,666	812	299,268	4 10 3
1,710.67	" " 18th "	341,946	3,63,256	46,80,489	9,99,174	24,828	14,13,202	827	295,642	4 12 6
1,710.67	" " 25th "	338,813	4,06,248	54,44,257	10,84,569	35,811	15,98,241	817	295,780	4 11 8
1,710.67	" " 2nd Dec.	311,474	3,67,265	49,40,163	10,59,813	36,645	15,27,453	893	292,144	5 3 8
1,710.67	" " 9th "	309,129	3,90,366	48,99,969	10,76,811	31,193	14,58,011	852	282,235	5 2 8
1,710.67	" " 16th "	339,190	3,87,545	51,88,861	10,90,918	34,480	15,01,657	878	298,400	5 0 6
1,710.67	" " 23rd "	321,939	3,94,771	49,80,448	10,52,805	60,155	15,36,718	898	291,534	5 4 4
Totals up to date ...		8,089,239	87,34,600	11,38,31,606	2,18,46,088	7,44,017	3,13,24,705	728	6,894,825	4 8 8

* Audited figures.

† Rs. 1,70,137—Added on account of rebate on coal deducted from returns from 1st July to 12th August 1899.

‡ " 45,836—Ditto " of mileage and demurrage not having been included in returns from 1st July to 12th August 1899.

(c) Inclusive of supplemental figures for the quarter ended 30th September.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 22nd December 1900 on 22·23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,273	4,010 8 0	35,454 30	756 0 0	6 0 0	4,772 8 0	1,007	181	1,188
Or per mile of railway ...	.....	180 6 7	.....	34 0 1	0 4 4	214 11 0	.....	.....	.....
For previous 24 weeks of half-year ...	*498,152	*1,16,785 10 0	*5,01,065 20	*16,297 15 0	*266 0 0	1,33,349 9 0	\$25,399	\$3,007	28,396
Total for 25 weeks ...	515,425	1,20,796 2 0	5,36,520 10	17,053 15 0	272 0 0	1,38,122 1 0	26,396	3,188	29,584
COMPARISON.									
Total for corresponding week of previous year ...	14,228½	3,274 12 8	37,435 20	578 3 0	11 2 3	3,864 1 11	1,033	155	1,188
Per mile of railway corresponding week of previous year ...	.....	147 5 0	.....	26 0 2	0 8 0	173 13 2	.....	.....	.....
Total for corresponding 25½ weeks of previous year ...	481,756½	1,13,958 2 7	5,26,463 0	14,155 12 0	298 2 0	1,28,412 0 7	27,029	4,290	31,319

* Added No. of passengers 1,227 and Rs. 58 }
 † Deducted Mds. 25,205 " 220 } On account of difference between the approximate and audited figures for the week ended
 ‡ Added " 85 } 10th November and supplemental figures for 30th September 1900.
 § Audited figures up to 10th November 1900.

1900.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		Number of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
22·23*	Weekended 7th July	29,128	6,639	9,631	399	7	7,045	317	1,188	5 14 11
22·23*	" " 14th "	32,489	7,452	12,537	459	7	7,918	356	1,296	6 1 9
22·23*	" " 21st "	19,929	4,805	9,946	441	10	5,256	236	1,188	4 6 9
22·23*	" " 28th "	19,106	4,520	19,915	492	10	5,022	226	1,188	4 3 8
22·23*	" " 4th Aug.	18,774	4,516	8,298	343	5	4,864	210	1,188	4 1 6
22·23*	" " 11th "	19,867	4,700	19,074	428	6	5,194	234	1,188	4 5 11
22·23*	" " 18th "	15,943	3,513	6,795	286	4	3,803	171	1,188	3 8 3
22·23*	" " 25th "	15,337	3,269	8,183	375	11	3,655	164	1,188	3 1 3
22·23*	" " 1st Sept.	16,775	3,614	8,748	350	6	3,970	179	1,188	3 5 6
22·23*	" " 8th "	15,791	4,430	6,923	275	7	4,712	212	1,188	3 15 6
22·23*	" " 15th "	22,070	4,740	3,348	366	7	5,113	230	1,188	4 4 10
22·23*	" " 22nd "	12,437	2,832	4,644	214	11	3,057	138	1,188	2 9 2
22·23*	" " 29th "	17,721	4,204	10,008	429	7	4,640	209	1,228	3 12 5
22·23*	" " 6th Oct.	21,176	4,988	15,047	734	8	5,730	258	1,012	5 10 7
22·23*	" " 13th "	20,780	4,898	20,136	865	10	5,773	260	1,100	5 4 0
22·23*	" " 20th "	21,125	4,966	33,127	1,661	10	6,637	290	1,188	5 9 5
22·23*	" " 27th "	21,580	5,193	23,530	1,007	4	6,204	279	1,188	5 3 7
22·23*	" " 3rd Nov.	25,030	5,974	25,286	1,098	8	7,080	318	1,188	5 15 4
22·23*	" " 10th "	(a)25,631	6,886	21,921	948	93	7,927	357	1,188	6 10 9
22·23*	" " 17th "	22,629	5,181	49,794	1,150	7	6,338	285	1,188	5 5 4
22·23*	" " 24th "	21,588	5,102	51,467	1,353	7	6,462	291	1,188	5 7 0
22·23*	" " 1st Dec.	19,844	4,831	45,463	998	8	5,834	269	1,188	4 14 7
22·23*	" " 8th "	19,090	4,778	41,774	929	7	5,714	257	1,188	4 13 0
22·23*	" " 15th "	18,422	4,695	34,451	701	6	5,402	243	1,188	4 8 9
22·23*	" " 22nd "	17,573	4,010	35,444	756	6	4,772	215	1,188	4 0 3
Totals up to date ...		515,425	1,20,796	5,36,520	17,054	272	1,38,122	249	29,584	4 10 8

Abstract of progressive weekly return of all earnings for 1900 in comparison with 1899—concluded.

1899.

		Number of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
22·23	8 days of July	24,246	6,025	8,049	322	13	6,360	286	1,437	4 6 10
22·23	Week ended 15th July	11,805	4,792	47,285	448	16	5,256	236	1,392	4 1 1
22·23	" " 22nd "	23,415	5,142	13,329	948	7	5,497	247	1,188	4 10 0
22·23	" " 29th "	17,231	3,874	8,001	915	6	4,795	216	1,241	3 13 10
22·23	" " 5th Aug.	16,079	3,700	9,320	387	12	4,159	187	1,188	3 8 0
22·23	" " 12th "	17,357	3,969	8,681	401	4	4,374	197	1,188	3 10 11
22·23	" " 19th "	17,248	4,135	16,614	347	9	4,491	203	1,188	3 12 6
22·23	" " 26th "	16,265	3,686	7,169	324	5	4,025	151	1,188	3 6 3
22·23	" " 2nd Sept.	15,719	3,582	9,490	376	11	3,979	170	1,188	3 5 7
22·23	" " 9th "	18,830	4,395	10,231	428	7	4,830	217	1,188	4 1 0
22·23	" " 16th "	18,864	4,195	9,382	393	9	4,597	207	1,258	3 10 6
22·23	" " 23rd "	16,051	3,809	17,189	446	5	4,260	192	1,188	3 9 4
22·23	" " 30th "	15,764	4,317	16,331	553	9	4,879	219	1,199	4 1 1
22·23	" " 7th Oct.	19,719	4,791	12,176	582	9	5,382	242	1,188	4 3 6
22·23	" " 14th "	23,449	6,173	9,579	423	16	6,611	297	1,034	6 0 3
22·23	" " 21st "	18,656	4,533	6,616	291	6	4,830	217	1,034	4 10 8
22·23	" " 28th "	20,007	4,950	15,694	727	6	5,683	256	1,188	4 12 6
22·23	" " 4th Nov.	20,210	4,735	14,393	808	3	5,546	249	1,456	3 12 11
22·23	" " 11th "	(a)8,466	5,664	17,402	777	99	6,540	294	1,524	4 4 8
22·23	" " 18th "	23,533	6,773	21,735	1,277	10	7,060	318	1,267	5 9 13
22·23	" " 25th "	22,285	5,392	49,865	963	10	6,365	286	1,410	4 8 3
22·23	" " 2nd Dec.	18,749	4,411	35,387	857	6	5,274	237	1,447	3 10 4
22·23	" " 9th "	18,002	4,398	41,430	686	5	5,089	229	1,464	3 7 7
22·23	" " 16th "	17,585	4,163	13,079	499	4	4,666	210	1,188	3 14 10
22·23	" " 23rd "	14,229	3,275	37,436	578	11	3,864	174	1,188	3 4 0
Totals up to date ...		481,747	1,13,958	5,26,463	14,156	298	1,28,412	230	31,319	4 1 7

* Audited figures.
 (a) Inclusive of supplemental figures for the quarter ended 30th September.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 22nd December 1900, on 162·24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of Passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	15,595	Rs. A. P. 14,951 15 0	Mds. Srs. 1,60,806 10	Rs. A. P. 13,630 6 0	Rs. A. P. 08 0 0	Rs. A. P. 28,648 5 0	7,126	4,396	11,522
Or per mile of Railway ...	...	92 2 6	...	84 0 3	0 6 6	176 9 3	...	...	...
For previous 24 weeks of half-year.	371,387*	3,64,807 4 0*	34,49,463 20†	2,32,498 5 0†	4,592 0 0‡	6,01,897 9 0	176,748§	81,576§	258,324§
Total for 25 weeks ...	386,982	3,79,769 3 0	36,10,769 30	2,46,128 11 0	4,658 0 0	6,30,545 14 0	183,874	85,972	269,846
COMPARISON.									
Total for corresponding week of previous year.	16,441	14,914 13 5	74,914 20	10,084 2 0	53 12 0	25,052 11 8	6,968	3,165†	10,133§
Per mile of Railway corresponding week of previous year.	...	91 14 11	...	62 2 6	0 5 3	154 6 8	...	...	...
Total for corresponding 25 weeks of previous year.	426,196	4,26,126 8 0	22,74,415 10	3,02,296 6 6	3,569 5 9	7,31,982 4 3	185,521	84,757‡	270,278§

* Deducted No. of passengers 589 and Rs. 2,100

† Ditto Mds. 48,477 and " 1,843

‡ Added " 2,786

§ Audited figures up to 10th November 1900.

On account of difference between the Approximate and Audited figures for the week ended 10th November and supplemental figures for 30th September 1900.

1900.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1899-24*	Week ended 7th July ...	19,338	21,176	88,170	11,150	84	32,410	200	11,976	2 11 4
1899-24*	" " 14th " ...	20,339	20,632	98,459	10,400	68	31,100	192	12,904	2 6 7
1899-24*	" " 21st " ...	11,962	10,254	46,874	4,954	70	15,278	94	9,672	1 9 3
1899-24*	" " 28th " ...	12,806	9,553	2,08,023	6,865	83	10,501	102	9,190	1 12 9
1899-24*	" " 4th Aug. ...	14,501	10,672	44,561	3,454	91	14,217	88	9,023	1 9 3
1899-24*	" " 11th " ...	12,967	9,444	2,07,827	8,843	42	18,329	113	10,408	1 11 11
1899-24*	" " 18th " ...	13,735	10,372	2,07,827	4,870	84	15,396	94	9,297	1 10 5
1899-24*	" " 25th " ...	13,442	8,500	2,44,893	5,724	63	14,287	88	8,836	1 9 10
1899-24*	" " 1st Sept. ...	13,446	9,284	3,00,069	5,845	59	15,188	94	9,114	1 10 8
1899-24*	" " 8th " ...	14,027	12,960	1,69,245	7,109	118	20,187	124	11,099	1 13 1
1899-24*	" " 15th " ...	13,196	14,566	1,79,883	8,522	75	23,163	143	12,232	1 14 4
1899-24*	" " 22nd " ...	12,530	12,092	40,767	6,609	59	18,757	116	11,225	1 19 9
1899-24*	" " 29th " ...	16,352	18,265	56,264	9,307	77	27,649	170	11,457	2 6 7
1899-24*	" " 6th Oct. ...	14,932	10,130	78,502	10,514	60	26,700	165	11,453	2 5 4
1899-24*	" " 13th " ...	17,092	18,437	2,51,171	11,816	74	30,327	187	11,028	2 12 0
1899-24*	" " 20th " ...	16,073	17,011	84,049	12,390	101	29,502	181	11,254	2 9 9
1899-24*	" " 27th " ...	14,178	16,694	74,656	12,941	83	28,738	177	11,080	2 9 6
1899-24*	" " 3rd Nov. ...	18,765	22,160	1,47,314	12,963	136	36,164	217	12,166	2 14 2
1899-24*	" " 10th " ...	(a) 18,544	20,679	95,169	12,781	2,850	36,310	224	11,595	3 2 1
1899-24*	" " 17th " ...	16,357	17,046	1,57,524	16,117	65	33,228	205	11,432	2 14 6
1899-24*	" " 24th " ...	17,000	18,853	1,39,985	12,412	66	31,531	193	10,416	3 0 2
1899-24*	" " 1st Dec. ...	16,326	16,384	1,40,991	11,925	63	28,372	175	10,012	2 13 4
1899-24*	" " 8th " ...	16,470	16,632	1,37,243	12,156	62	28,830	178	10,174	2 13 4
1899-24*	" " 15th " ...	17,529	17,101	1,65,103	14,026	66	31,193	192	11,188	2 12 7
1899-24*	" " 22nd " ...	15,595	14,952	1,60,806	13,630	68	28,648	177	11,523	2 7 9
	Totals up to date ...	386,982	3,79,769	36,10,760	2,46,128	4,658	6,30,545	155	269,846	2 5 6

* Audited figures.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899—concluded.

1899

		No. of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1899-24	5 days of July ...	23,511	19,776	72,881	9,176	95	29,047	179	11,955	2 6 11
1899-24	Week ended 15th July ...	20,339	17,554	61,713	8,858	60	26,472	163	9,953	2 10 7
1899-24	" " 22nd " ...	15,720	15,146	54,224	7,189	48	22,383	138	10,214	2 3 1
1899-24	" " 29th " ...	18,639	15,788	65,995	10,569	70	24,427	151	10,117	2 6 8
1899-24	" " 5th Aug. ...	17,305	13,675	94,245	9,742	63	23,480	145	9,767	2 6 6
1899-24	" " 12th " ...	16,675	13,507	76,869	10,592	46	24,145	149	9,935	2 6 11
1899-24	" " 19th " ...	17,407	13,744	76,677	10,932	63	24,739	152	10,332	2 6 3
1899-24	" " 26th " ...	16,287	14,458	1,14,725	18,659	96	33,213	205	10,348	3 3 4
1899-24	" " 2nd Sept. ...	14,582	12,563	1,35,170	10,943	59	28,065	177	10,714	2 10 10
1899-24	" " 9th " ...	16,099	13,747	1,01,258	10,945	79	23,871	147	11,318	2 1 9
1899-24	" " 16th " ...	15,810	17,633	1,40,432	15,320	112	35,465	219	12,132	2 14 9
1899-24	" " 23rd " ...	16,506	18,325	1,07,670	10,921	73	37,693	232	13,732	2 11 10
1899-24	" " 30th " ...	15,314	18,825	77,745	12,156	66	30,294	187	10,696	2 13 2
1899-24	" " 7th Oct. ...	15,465	15,799	89,855	14,372	45	30,266	187	10,383	2 14 8
1899-24	" " 14th " ...	15,377	17,397	84,986	12,931	56	30,294	187	10,189	2 15 10
1899-24	" " 21st " ...	16,936	16,715	75,709	12,057	60	28,832	177	9,924	2 14 6
1899-24	" " 28th " ...	16,329	19,967	89,880	14,307	71	34,285	211	10,774	3 2 11
1899-24	" " 4th Nov. ...	15,659	22,053	1,04,004	15,701	59	37,813	233	11,397	3 5 1
1899-24	" " 11th " ...	(a) 18,071	20,941	97,296	12,625	1,061	35,527	219	11,840	3 0 0
1899-24	" " 18th " ...	16,096	16,012	95,343	12,197	49	28,258	174	10,837	2 9 0
1899-24	" " 25th " ...	16,534	17,863	1,22,863	11,497	44	29,404	181	11,012	2 8 6
1899-24	" " 2nd Dec. ...	16,754	19,609	1,36,901	12,390	54	32,053	198	11,170	2 13 11
1899-24	" " 9th " ...	16,937	19,188	67,046	10,900	62	30,050	185	10,696	2 12 11
1899-24	" " 16th " ...	18,113	16,928	77,921	10,123	95	27,146	167	10,168	2 10 9
1899-24	" " 23rd " ...	16,441	14,916	74,914	10,984	54	25,053	154	10,124	2 7 7
	Totals up to date ...	426,196	4,26,127	22,74,415	3,02,296	3,569	7,31,982	179	270,279	2 11 4

(a) Inclusive of Supplemental figures the quarter ended 30th September.

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 22nd December 1900 on 78.76 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	6,731	4,162 3 0	30,451 30	3,312 11 0	43 0 0	7,517 14 0	1,810	1,183	2,993
Or per mile of railway ... ..	.....	52 13 6	.....	42 1 0	0 8 9	95 7 3	.....	.....	.....
For previous 24 weeks of half-year	289,344*	1,47,114 1 0†	7,63,070 10†	50,946 13 0†	1,346 0 0†	1,99,405 14 0	42,777	20,950	63,727
Total for 25 weeks	297,075	1,51,276 4 0	8,02,522 0	54,259 8 0	1,388 0 0	2,00,923 12 0	44,587	22,133	66,720
COMPARISON.									
Total for corresponding week of previous year	9,316	4,504 1 4	48,059 10	3,960 9 0	18 9 6	8,483 3 10	1,628	598	2,226
Per mile of railway corresponding week of previous year ... ..	.....	57 3 0	.....	50 4 7	0 3 9	107 11 4	.....	.....	.....
Total for corresponding 24 weeks of previous year	239,971	1,17,629 14 4	9,29,544 30	72,086 7 9	531 4 9	1,90,246 10 10	32,072‡	11,854‡	43,927

* Added number of passengers 1,104 and deducted Rs. 116
 † Deducted Mds. 7,953 and .. 361
 ‡ Audited figures up to 10th November 1900.

On account of difference between the approximate and audited figures for the week ended 10th November and supplemental figures for 30th September 1900.

1900.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
78.76*	Week ended 7th July ...	13,452	6,487	37,723	2,056	32	8,575	109	2,363	3 10 1
78.76*	" " 14th " ...	12,980	6,244	37,308	2,577	20	8,841	112	2,284	3 13 11
78.76*	" " 21st " ...	11,583	5,432	36,570	2,235	36	7,703	98	2,284	3 6 0
78.76*	" " 28th " ...	13,231	7,732	28,292	1,556	20	9,309	118	2,305	4 3 7
78.76*	" " 4th Aug. ...	10,024	8,220	31,601	2,117	15	7,352	95	2,305	3 5 4
78.76*	" " 11th " ...	10,579	4,708	32,269	1,891	9	6,608	84	2,363	2 12 9
78.76*	" " 18th " ...	9,546	4,348	25,820	1,810	13	6,171	78	2,757	2 3 10
78.76*	" " 25th " ...	9,136	4,256	31,693	2,046	11	6,913	88	2,677	2 9 4
78.76*	" " 1st Sept. ...	9,472	4,280	31,809	2,405	12	6,007	85	2,678	2 8 0
78.76*	" " 8th " ...	12,830	7,318	32,453	2,137	13	9,308	119	2,678	3 8 0
78.76*	" " 15th " ...	19,022	11,043	16,093	1,558	48	12,649	161	3,150	4 0 3
78.76*	" " 22nd " ...	18,294	11,303	16,807	1,227	19	12,540	159	2,992	4 3 1
78.76*	" " 29th " ...	17,797	9,802	26,701	1,959	31	11,852	150	2,509	4 9 0
78.76*	" " 6th Oct. ...	11,601	6,153	25,367	1,432	34	7,619	97	3,071	2 7 8
78.76*	" " 13th " ...	11,538	5,894	35,103	2,466	35	8,395	107	3,150	2 10 8
78.76*	" " 20th " ...	10,463	7,595	29,574	1,925	29	9,547	121	3,150	3 0 5
78.76*	" " 27th " ...	11,410	6,112	27,168	1,614	28	7,754	98	2,914	2 10 7
78.76*	" " 3rd Nov. ...	10,447	5,014	27,188	1,743	32	6,779	86	2,835	2 6 3
78.76*	" " 10th " ...	11,272†	5,312	25,036	2,421	707	8,440	107	2,835	2 15 8
78.76*	" " 17th " ...	10,688	5,519	27,990	2,233	40	7,798	99	2,284	3 6 8
78.76*	" " 24th " ...	9,488	4,786	40,070	2,536	42	7,338	93	2,363	3 1 10
78.76*	" " 1st Dec. ...	8,690	4,089	45,881	2,685	43	6,517	87	2,914	2 5 5
78.76*	" " 8th " ...	8,966	4,170	40,880	2,043	43	6,856	87	2,441	2 12 11
78.76*	" " 15th " ...	8,956	4,338	39,324	3,075	43	7,456	95	2,516	2 15 0
78.76*	" " 22nd " ...	8,731	4,162	39,452	3,313	43	7,518	95	2,692	2 8 2
Totals up to date ...		297,075	1,51,276	8,02,522	54,260	1,388	2,00,924	108	66,720	3 1 7

* Audited figures.

† Inclusive of supplemental figures for the quarter ended 30th September.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899—concluded.

1899.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
45.00	4 days ended 8th July ...	1,436	417	242	23	1	441	7	380	1 2 1
76.79	Week ended 15th " ...	8,287	4,240	17,382	1,596	12	5,818	76	1,084	5 5 10
78.76	" " 22nd " ...	9,775	4,442	19,285	1,901	13	6,356	81	1,113	5 11 4
78.76	" " 29th " ...	8,680	3,544	15,792	1,504	10	5,358	68	1,113	4 13 0
78.76	" " 5th Aug. ...	9,445	4,795	16,885	1,257	25	6,057	77	1,113	5 7 1
78.76	" " 12th " ...	8,190	5,824	20,547	1,436	30	6,290	67	1,113	4 12 1
78.76	" " 19th " ...	7,169	3,290	20,676	2,196	17	5,803	70	1,113	4 15 1
78.76	" " 26th " ...	8,128	3,607	36,086	2,342	17	6,026	77	1,113	5 6 8
78.76	" " 2nd Sept. ...	8,675	5,121	30,781	2,516	25	7,962	101	1,113	7 2 5
78.76	" " 9th " ...	7,999	5,718	37,359	2,420	25	6,163	78	1,272	4 13 6
78.76	" " 16th " ...	10,686	4,641	47,796	3,149	12	7,892	99	1,590	4 14 6
78.76	" " 23rd " ...	13,607	6,780	34,414	2,800	17	9,057	123	2,385	4 0 6
78.76	" " 30th " ...	14,089	8,630	41,204	2,913	15	11,558	147	2,226	5 3 1
78.76	" " 7th Oct. ...	12,986	7,207	37,224	3,206	39	10,452	133	2,226	4 11 2
78.76	" " 14th " ...	9,422	4,643	46,508	3,931	21	8,595	109	2,226	5 13 0
78.76	" " 21st " ...	9,468	4,921	46,374	2,740	14	7,675	97	2,226	3 7 2
78.76	" " 28th " ...	10,481	5,414	37,296	3,291	13	8,688	110	2,226	3 1 5
78.76	" " 4th Nov. ...	10,402	5,451	45,402	3,219	20	8,699	110	2,226	3 14 2
78.76	" " 11th " ...	10,823†	5,490	43,527	3,193	84	8,766	111	2,226	3 15 0
78.76	" " 18th " ...	12,074	5,315	56,633	4,599	28	9,942	120	2,226	4 7 0
78.76	" " 25th " ...	11,481	5,041	53,557	3,328	15	11,673	148	2,465	4 11 10
78.76	" " 2nd Dec. ...	9,374	4,991	53,597	4,177	24	7,443	95	2,464	3 0 4
78.76	" " 9th " ...	9,005	4,178	40,925	3,490	10	8,581	106	2,226	3 12 8
78.76	" " 16th " ...	8,965	3,961	40,925	3,961	19	7,461	95	2,226	3 8 8
78.76	" " 23rd " ...	9,316	4,504	48,059	3,961	19	8,484	108	2,226	3 13 0
Totals up to date ...		239,971	1,17,629	9,29,545	72,087	531	1,90,247	99	43,927	4 6 0

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., K.-D., DACCA, AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic and Mileage for last 9 days of December 1900, on 843 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	228,220	Rs. A. P. 1,41,630 0 0	Mds. s. 17,41,610 0	Rs. A. P. 2,97,770 0 0	Rs. A. P. 77,150 0 0	Rs. A. P. 5,16,550 0 0	52,700	39,550	92,250
Or per mile of railway ...	271	168 0 0	2,065 0	353 0 0	85 0 0*	586 0 0*	...	...	...
For previous 25 weeks of half-year† ...	5,514,510	26,67,461 0 0	2,88,76,707 0	60,91,023 0 0	5,06,321 0 0	92,64,805 0 0	869,025	1,109,837	2,052,462
Total for 26 weeks ...	5,742,730	28,09,091 0 0	3,06,18,717 0	63,88,793 0 0	5,83,471 0 0	97,81,355 0 0	935,325	1,209,387	2,144,712
COMPARISON.									
Total for corresponding week of previous year ...	259,033	1,45,632 0 0	16,69,544 0	2,83,429 0 0	1,02,434 0 0	5,31,495 0 0	50,003	37,936	87,939
Per mile of railway corresponding week of previous year ...	301	175 0 0	2,001 0	340 0 0	87 0 0	602 0 0	...	...	...
Total to corresponding date of previous year ...	5,509,802	26,65,531 0 0	2,85,47,762 0	59,28,580 0 0	6,06,532 0 0	91,94,643 0 0	948,833	1,141,676	2,090,509

* Excluding steamer earnings.

† Audited up to 27th October 1900.

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for last 9 days of December 1900, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	25,960	Rs. A. P. 8,760 0 0	Mds. s. 79,740 0	Rs. A. P. 7,250 0 0	Rs. A. P. 60 0 0	Rs. A. P. 16,070 0 0	3,250	3,160	6,410
Or per mile of railway ...	302	102 0 0	927 0	84 0 0	1 0 0	187 0 0	...	...	...
For previous 25 weeks of half-year† ...	630,072	2,00,901 0 0	129,0,326 0	1,27,079 0 0	9,740 0 0	3,37,720 0 0	62,760	62,250	1,25,010
Total for 26 weeks ...	656,032	2,09,661 0 0	13,69,966 0	1,34,329 0 0	9,800 0 0	3,53,790 0 0	66,010	65,410	131,420
COMPARISON.									
Total for corresponding week of previous year ...	25,685	9,312 0 0	41,878 0	4,189 0 0	6,890 0 0	6,611 0 0	106	4,378	4,484
Per mile of railway corresponding week of previous year ...	299	108 0 0	487 0	49 0 0	80 0 0	77 0 0	...	...	...
Total to corresponding date of previous year ...	634,842	1,99,684 0 0	11,03,744 0	1,03,692 0 0	9,218 0 0	3,11,994 0 0	67,043	49,520	1,16,563

* Audited up to 27th October 1900.

COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the last 9 days of December 1900, on 33·73 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	2,740	Rs. A. P. 1,460 0 0	Mds. s. 18,380 0	Rs. A. P. 2,030 0 0	Rs. A. P. 40 0 0	Rs. A. P. 2,520 0 0	610	540	1,150
Or per mile of railway ...	81	43 0 0	545 0	60 0 0	.....	103 0 0*	...	...	...
For previous 25 weeks of half-year† ...	58,733	20,031 0 0	1,74,683 0	18,810 0 0	2,750 0 0	42,591 0 0	8,366	19,121	27,487
Total for 26 weeks ...	61,473	21,481 0 0	1,93,063 0	21,840 0 0	2,790 0 0	46,111 0 0	8,976	19,661	28,637
COMPARISON.									
Total for corresponding week of previous year ...	2,837	1,489 0 0	20,324 0	2,387 0 0	244 0 0	4,120 0 0	214	1,023	1,236
Per mile of railway corresponding week of previous year ...	86	45 0 0	615 0	72 0 0	.....	117 0 0	...	...	...
Total to corresponding date of previous year ...	55,251	19,300 0 0	2,39,611 0	23,775 0 0	3,580 0 0	46,664 0 0	7,969	23,015	30,984

* Excluding coaching ferry.

† Audited up to 13th October 1900.

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for last 9 days of December 1900, on 53.37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	9,560	2,480 0 0	28,300 0	1,260 0 0	20 0 0	3,700 0 0	1,450	530	1,980
Or per mile of railway ...	179	45 0 0	530 0	24 0 0	.....	69 0 0	...	...	...
For previous 25 weeks of half-year* ...	229,193	53,679 0 0	4,80,311 0	26,781 0 0	787 0 0	81,247 0 0	27,611	13,383	40,994
Total for 26 weeks ...	238,753	56,099 0 0	5,08,611 0	28,041 0 0	807 0 0	84,947 0 0	29,061	13,913	42,974
COMPARISON.									
Total for corresponding week of previous year ...	9,735	3,321 0 0	5,956 0	330 0 0	35 0 0	3,686 0 0	1,149	2,409	3,558
Per mile of railway corresponding week of previous year ...	180	62 0 0	110 0	6 0 0	1 9 0	69 0 0	...	...	...
Total to corresponding date of previous year ...	123,078	23,890 0 0	1,54,139 0	8,062 0 0	255 0 0	37,237 0 0	18,518	14,916	33,434

* Audited up to 27th October 1900.

BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for last 9 days of December 1900, on 59 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	6,410	1,920 0 0	15,660 0	1,710 0 0	10 0 0	3,640 0 0	1,510	670	2,180
Or per mile of railway ...	108	33 0 0	515 0	29 0 0	...	62 0 0	...	...	...
For previous 25 weeks of half-year* ...	151,881	35,035 0 0	4,68,824 0	49,241 0 0	630 0 0	84,966 0 0	22,375	22,905	45,280
Total for 26 weeks ...	158,291	37,015 0 0	4,87,384 0	50,951 0 0	640 0 0	88,606 0 0	23,885	23,575	47,460
COMPARISON.									
Total for corresponding week of previous year ...	5,695	1,721 0 0	18,115 0	879 0 0	11 0 0	2,611 0 0	215	718	933
Per mile of railway corresponding week of previous year ...	226	70 0 0	732 0	35 0 0	.....	165 0 0	...	...	...
Total to corresponding date of previous year ...	48,962	13,969 0 0	2,34,337 0	11,413 0 0	219 0 0	25,601 0 0	6,239	17,612	23,851

* Audited up to 27th October 1900.

BENGAL CENTRAL RAILWAY COMPANY, "LIMITED."

Approximate Return of Traffic and Mileage for the week ended 15th December 1900, on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	33,038	16,286 0 0	65,931 0	5,123 0 0	84 0 0	21,403 0 0	4,550	3,284	7,834
Or per mile of railway ...	234	125 0 0†	474 0	37 0 0	1 0 0	163 0 0	...	...	...
For previous 25 weeks of half-year* ...	768,571	3,09,382 0 0	28,98,638 0	3,33,456 0 0	25,000 0 0	6,67,838 0 0	88,742	112,714	201,456
Total for 26 weeks ...	791,609	3,25,668 0 0	29,64,569 0	3,38,579 0 0	25,084 0 0	6,89,331 0 0	93,292	115,998	209,290
COMPARISON.									
Total for corresponding week of previous year ...	31,402	14,621 0 0	93,072 0	8,364 0 0	128 0 0	23,113 0 0	4,771	2,683	7,454
Per mile of railway corresponding week of previous year ...	243	112 0 0	670 0	60 0 0	1 0 0	173 0 0	...	...	...
Total to corresponding date of previous year ...	785,632	3,16,808 0 0	29,53,288 0	2,17,620 0 0	21,146 0 0	5,55,274 0 0	111,947	89,732	201,679

* Audited up to week ending 3rd November 1900.

† Coaching traffic calculated on 139 miles only.

BENGAL CENTRAL RAILWAY COMPANY, "LIMITED."

Approximate Return of Traffic and Mileage for the week ended 22nd December 1900, on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	32,385	15,994 0 0	58,588 0	4,606 0 0	288 0 0	20,798 0 0	4,070	2,938	7,008
Or per mile of railway ...	246	122 0 0†	421 0	33 0 0	2 0 0	157 0 0	.....	.....	.....
For previous 24 weeks of half-year ...	795,321	3,25,957 0 0	29,72,452 0	3,38,809 0 0	25,147 0 0	6,82,913 0 0	92,505	116,880	209,385
Total for 25 weeks ...	827,506	3,41,861 0 0	30,31,049 0	3,43,415 0 0	25,435 0 0	7,10,711 0 0	97,175	119,818	216,993
COMPARISON.									
Total for corresponding week of previous year ...	28,762	13,935 0 0	51,946 0	3,965 0 0	218 0 0	18,118 0 0	5,080	2,230	7,310
Per mile of railway corresponding week of previous year ...	221	107 0 0	395 0	28 0 0	2 0 0	137 0 0	.....	.....	.....
Total to corresponding date of previous year ...	814,394	3,30,443 0 0	21,05,234 0	2,21,555 0 0	21,364 0 0	5,73,382 0 0	117,027	91,991	209,018

* Audited up to week ending 10th November 1900.

† Coaching traffic calculated on 139 miles only.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B. & N.-W. RAILWAY.)

Audited Return of Traffic for week ending 17th November 1900 on 18 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	No.	Rs. A. P.	Mds.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 18 miles open ...	1,759	279 14 11	17,503	431 7 6	4 8 0	715 14 5	133	119	252
Or per mile of railway ...	97.72	15 8 10	992.39	23 15 6	0 4 0	39 12 4	.....	.....	.....
For previous 19 weeks of half-year ...	18,931	2,918 1 1	89,638	2,396 7 10	86 9 0	5,371 1 11	2,833	915	3,748
Total for 20 weeks ...	20,690	3,198 0 0	1,07,471	2,797 15 4	91 1 0	6,987 0 4	3,016	1,034	4,050
COMPARISON.									
Total for corresponding week of previous year on 18 miles open.	869	132 6 7	11,565	265 13 0	4 8 0	412 11 7	168	84	252
Per mile of corresponding week of previous year.	48.28	8 7 6	642.50	14 12 3	0 4 0	23 7 9	.....	.....	.....
Total to corresponding date of previous year.	2,031	609 13 0	50,513	1,34 4 0	82 12 0	1,997 13 0	636	334	990

ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the week ended 22nd December 1900 on 397 miles open for all descriptions of traffic, and an additional 39 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	51,783	19,343 0 0	2,08,541 0	13,946 0 0	596 0 0	33,885 0 0	3,263	7,390	10,623
Or per mile of railway ...	80.06	48.72	478.31	31.99	1.37	82.68	8.22	18.88	25.10
For previous 24 weeks of half-year ...	671,376	4,07,776 0 0	52,14,293 0	3,32,064 0 0	26,664 0 0	7,66,504 0 0	80,643	195,833	276,476
Total for 25 weeks ...	703,159	4,27,119 0 0	54,22,533 0	3,45,010 0 0	27,260 0 0	8,00,339 0 0	83,906	203,193	287,099
COMPARISON.									
Total for corresponding week of previous year ...	26,432	18,550 0 0	1,89,826 0	12,325 0 0	503 0 0	31,375 0 0	3,546	7,537	11,083
Per mile of railway corresponding week of previous year ...	70.11	49.20	470.59	31.05	1.26	81.51	9.41	19.88	28.39
Total to corresponding date of previous year ...	602,261	3,74,930 0 0	57,88,064 0	3,41,702 0 0	19,253 0 0	7,35,945 0 0	84,497	194,982	279,479

* Includes audited figures for week ended 10th November 1900.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 22ND DECEMBER 1900.			RECEIPTS FOR WEEK ENDING 23RD DECEMBER 1899.			TOTAL RECEIPTS FROM 1ST APRIL 1900 TO 22ND DECEMBER 1900.			TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 23RD DECEMBER 1899.			Total increase in 1900.	Total decrease in 1900.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
	Rs.	Rs.		Rs.	Rs.		Rs.			Rs.		Rs.	Rs.
436	23,885	82.08	397	21,375	81.51	436	11,98,374	.....	37	11,19,928	.....	78,406	.....

Printed at the Printing Office, and published by the Book Depot, of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, on 9th January 1901.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JANUARY 16, 1901.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by post.]

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THE MONSOON OF 1900.

THE following report is published for general information.

The 14th January 1901.

F. A. SLACKE,
Secy. to the Govt. of Bengal.

METEOROLOGICAL SUMMARY FOR THE MONSOON PERIOD OF 1900.

THE following remarks are intended to form the usual brief introduction to the rainfall tables which give full information regarding the rainfall measured during the south-west monsoon months in all parts of the Province. Only the more important features of the general atmospheric conditions are discussed, and these only when they show a tendency favourable or unfavourable to rainfall.

A general review of the rainfall distribution during the early months of the year is not satisfactory from the point of view of a comparison with the amounts usually received in those months. The distribution was less regular than usual, inasmuch as, while month by month up till May there were generally excess falls in some parts of the Province, there was always a large, though changing, area of deficient rainfall. In January this area of deficient rainfall included Bengal Proper and Orissa; in February Bihar, Chota Nagpur and Orissa; in March the whole Province except Orissa, and in April North and East Bengal and Bihar. The area, therefore, which was most continuously in receipt of deficient rainfall was Bihar where, after the heavy rain of January, exceptionally light falls occurred till the commencement of the monsoon season.

In January the more conspicuous weather conditions were almost continuous high temperature in most districts and relatively heavy rainfall in Chota Nagpur and Bihar. Rainfall was largely confined to these two divisions which received on an average 2·3 and

2·2 inches respectively, the corresponding normal amounts being ·6 and ·5 inch. Though not altogether absent in other divisions, rainfall was not only much lighter than in Bihar and Chota Nagpur, but was considerably below the small amounts normal for January. North Bengal received ·34 inch, South-West Bengal ·24 inch, while in Orissa and East Bengal it was practically nil.

The explanation of the above peculiarities, viz., heavy rainfall in the west and continued high temperature in the east and south of the Province, appears to be in the check which the shallow depressions received to their easterly motion while over the western districts. This check was due to a rise of pressure in the east, so that the depressions filled up before they crossed the Province and passed into Burma.

A depression which occurred early in February was similar in its behaviour to those of January, but thereafter the depressions crossed the Province in the usual way. They gave rise to more generally unsettled weather than is usual in February, and in one respect were exceptional. They were attended by numerous local disturbances of the Nor' wester type. Instead, however, of advancing from the north-west, these thunderstorms passed from south-west to north-east, probably indicating by their motion that the upper atmospheric currents were more from the south than usual.

The first of the three depressions causing local storms of the kind referred to in the previous paragraph occurred about the 12th, the second about the 18th, and the third on the 25th and 26th. The heaviest rainfall, as compared with the normal, occurred in Lower Bengal. There was a small excess in North Bengal, while in the western districts there was a small defect, greatest in Chota Nagpur where it amounted to about half the normal fall.

During the early part of March, fine settled weather generally prevailed over the Province and the Bay with winds variable in direction and below normal strength. For a few days the cold season distribution of pressure, with westerly or north-westerly winds, was restored, and temperature was in consequence below the normal by several degrees at that time. Owing to the variable conditions accompanying the change from southerly to northerly winds, a few local storms, with light scattered rainfall, occurred in the south-western districts, mostly in Orissa and the south of Chota Nagpur; but the falls were in all cases so light that they scarcely influenced the total falls for the month.

During the latter half of the month weather underwent a marked change and became unsettled to an exceptional extent. This exceptional character was not so much in the severity of the disturbance, but in the fact that the unsettled conditions continued with little intermission till the end of the month. Very little rain fell in Bihar or in Chota Nagpur. Towards the east it increased in amount and was especially heavy in the south of Assam. Silchar received more than 12 and Sibsagar and Dibrugarh more than 4 inches, while the average fall in East Bengal was 2·5 inches. The only other average fall of more than 1 inch was 1·42 inches in Orissa.

In April four series of local disturbances occurred, at intervals of about a week, and fairly general rain fell over the Province. The depressions to which these disturbances were due were on two occasions forced southward over Orissa and the north of the Bay by the rise of pressure so frequently noticed in Assam and North Bengal under similar circumstances. It was probably owing to that rise of pressure in the north-east and the consequent change of motion of the depressions that rainfall was much heavier in the south-western districts than in other parts of the Province.

In Chota Nagpur the average excess for April was 1·73 inches, in South-West Bengal 1·05 and in Orissa ·62 inch, while in Bihar and East and North Bengal there was a deficiency varying from a quarter of an inch in the first to rather more than 1 inch in the last.

Showery weather was of frequent occurrence in May, but the total falls for the month were below the normal except over a narrow strip of country running north and south from the head of the Bay to North Bengal. Only a very slight disturbance occurred over the Bay, and rainfall was much less heavy than usual on the Burma Coast. The high pressure over Bengal, this settled weather over the Bay, and the scanty rainfall in Burma were the usual indications that the commencement of south-west monsoon weather would be later than usual over the Province.

The total fall for May was much more uniform than in previous months, and was about 20 per cent. below the normal on an average for the various divisions. The chief features in the general weather conditions were the almost continuous high pressure over the northern districts, the frequent occurrence of showery weather in all parts of the Province except Bihar, and the relatively low temperature due to these local disturbances. The numerous showers were probably due to, as they accompanied, the frequent oscillations of pressure, and it is noteworthy that they were most frequent when pressure was above the normal. On the other hand, the period when rainfall was least common was the only occasion of low pressure over the Province, with a corresponding steep gradient over the Bay. A possible explanation of this peculiarity may be that the high pressure in the north caused a displacement of the air more towards the west than usual, and the rainfall which would otherwise have occurred in the eastern districts was diffused over the central and western districts. This supposition receives support from the peculiar distribution of the rainfall for the month as a whole. It was deficient in both the eastern and western districts, and, as stated above, over almost the whole Province; but over a comparatively narrow belt running north and south from the north-west angle of the Bay towards North Bengal it was considerably in excess, as if the heavier rainfall of May in the eastern districts had been displaced westward to the loss of those eastern districts.

Of the shallow depressions which could be traced in the somewhat confusing and frequent pressure oscillations, two appeared to pass westward—one at the end of the first week, the other towards the end of the month; and a third from west to east about the middle of the month. The local storms with rain at other times were probably due to the moderately large pressure oscillations and the shifting winds which accompanied them. The defect in East Bengal was 3·85 inches, in North Bengal 2 inches and in the other divisions half-an-inch or a little more.

Three periods of disturbed weather occurred during the month, the first of which was of the kind usual in the hot-weather months, and caused a considerable amount of rainfall over the Province and very low temperature for several days at the beginning of the month. The depression to which this rainfall was due appeared to begin in Assam and moved slowly westward. The second disturbance was a cyclonic storm of moderate intensity which began in the south or south-east of the Bay about the beginning of the second week and moved north-westward across the Orissa Coast on the 12th. When in the east of the Central Provinces the storm recurved, and on the 14th was in Chota Nagpur moving in an east-north-east direction. One of the results of this change of motion was the general heavy rainfall which began in Bengal simultaneously with the change of motion and was most noticeable in the northern districts.

During the third week the low pressure over the Bay concentrated into a slight depression which was in the north-west angle on the 23rd and caused the third disturbance of the month. The depression attained to no great depth, but moving north-north-eastward it remained over Bengal Proper for some days, causing unsettled weather in the eastern districts with heavy continuous rainfall, while in the western districts dry weather, with hot westerly winds, prevailed till the end of the month.

On an average for the month there was defect of 16 per cent. of the normal in Orissa and South-west Bengal and of 8 per cent. in Chota Nagpur. In the other divisions there was excess varying from 5 per cent. in North Bengal to 30 per cent. in Bihar.

During July the moist current from the Bay continued to be diverted eastward, and East and North Bengal were the only divisions which received rainfall in excess of the normal for the month. Two slight disturbances occurred in the early part of the month. The depressions were not accompanied by stormy weather in the Bay, and they to a large extent filled up soon after passing inland, but they were important as indicating a change from the abnormal conditions of the monsoon season of 1899 and the early part of the present season.

It will be remembered that during the monsoon season of 1899 such depressions as formed over the Bay either moved northwards, or, after moving north-westward as far as the Central Provinces, recurved and in the end filled up over Bengal; that this feature was accompanied by an absence of rainfall in western India and excessive rainfall over the Province. The early disturbances of the present season were in character similar to those of the previous year, and these slight disturbances of July were the first to indicate that the conditions were being restored under which depressions from the Bay move north-westward without recurving. The first disturbance was in a manner neutral as it practically filled up where it formed, but the second, which occurred about the middle of the month, moved rapidly north-westward giving more or less general rainfall to the country over which it passed.

The direction of motion of cyclonic disturbances is probably controlled by the higher atmospheric currents, and the change which then occurred, and was made apparent by the direction followed by the depressions, was in these higher rain-bearing currents returning to their usual south-westerly direction.

During the latter half of July pressure increased over Bengal and rainfall partially ceased, more especially in the north-western districts, where only light scattered showers fell. The pressure distribution became uniform over the Bay, the usual indication that a cyclonic disturbance was in process of development, and this disturbance appeared in the north-west of the Bay at the end of the month.

The monsoon during these early weeks of the season was below the normal strength, a condition which continued during August. The weakness was shown in the absence of general heavy rainfall such as usually falls in ordinary years. In July there was relatively heavy rainfall in Bengal Proper, but not in other parts of the Province, and when the change occurred, which has been indicated above, the rainfall became heavy in Orissa and light in Bengal Proper, the deficiency increasing towards the north-east. In August, Orissa received 74 per cent. excess, Chota Nagpur and South-West Bengal almost the normal amount, while in the other divisions there was defect ranging up to 53 per cent. in North Bengal.

An unusual number of storms formed during August at the head of the Bay, none of them, however, of even average severity. Three of the depressions crossed the coast near Balasore and the fourth near False Point, after which they moved north-westward without any tendency to recurve. During their passage, they were not accompanied by very heavy rainfall, but owing to their comparatively large number, Orissa received the heavy rain mentioned above.

The main features of the weather during September were—

- (1) the comparative absence of cyclonic storms over the north of the Bay;
- (2) the relatively high pressure in the east and north of the Province, and the continued absence of rainfall in North and East Bengal and Assam;
- (3) the period of disturbed weather which ended in the exceptionally heavy rainfall in Lower Bengal, and the heavy falls in Chota Nagpur and Orissa.

During the early days of the month winds were much more easterly than usual over the Province, an arrangement which was unfavourable for rainfall in the northern districts and continued till the end of the first week. As a depression which had, during these early days, been moving westward through the Central Provinces turned northwards and broke up on reaching the Himalayas, the distribution of pressure in Bengal became more favourable, and ordinary monsoon conditions were general for some days, *i.e.*, up till about the 9th.

The changes of pressure during the few days subsequent to the 10th were nowhere large, but a shallow depression over the Bay was becoming more definite and was drifting northwards. Light northerly winds prevailed in Bengal, and weather was in all respects such as usually obtains during the early stage of a cyclonic disturbance over the Bay.

About the 15th general and fairly heavy rainfall began in East Bengal and Orissa, and on that date a widespread depression lay over the Province with a moderately steep gradient over the Bay. The pressure arrangement was such as usually occurs when a diffused depression has moved northwards from the Bay. It is always accompanied by general monsoon weather, but not always by heavy rainfall. Between the 15th and 16th the depression concentrated off the Orissa Coast, and a shallow low pressure area with a well-defined cyclonic circulation of winds moved westward across Orissa.

Following this westward movement of the depression, the usual change would have been a rise of pressure in Bengal, but a brisk fall occurred on the 17th in the south-western districts, and a new centre of disturbance was shown near Saugor Island, where pressure was $\cdot 2$ inch below the normal. This also appeared to move westward, and at 8 A.M. on the 19th pressure was rising rapidly in Assam and briskly in Bengal Proper.

By the morning of the 19th the heavy rainfall had begun, as Saugor Island reported 5 inches during the 24 hours previous to 8 A.M. of that date. What appears to be the most significant fact towards explaining the heavy rainfall of the two succeeding days is the south-westerly wind at Saugor Island, a direction which is almost diametrically opposite to what might be expected from the pressure distribution prevailing at that time. This peculiarity in the wind at Saugor Island was very persistent till the 21st, and became even more marked before it disappeared on the 22nd, when with a similar pressure distribution the direction was east-south-east.

If the wind had been light and variable on those days, this discrepancy in direction, as compared with neighbouring stations in Bengal, might be overlooked, but velocity was steadily increasing, and on the 20th averaged 36 miles an hour. What may be a possible explanation is that the area of low pressure which was near Saugor Island on the 18th did not pass westward, that it ceased to be felt at the ground level, but continued to exist in the upper region of the atmosphere over South-west and part of East Bengal. This would account for the south-westerly direction of the wind at Saugor Island, the centre of disturbance having been in that case transferred north-eastward. It would also account for the cyclonic circulation of winds in South-West Bengal on the 20th, and for the great amount of ascensional motion of the air which alone could produce the fall of 20 to 30 inches in two days over an area, including the greater part of the 24-Parganas, the Sunderbans, Howrah, and Khulna. But as the pressure changes at the ground level give no indication of the existence of deficient pressure over Lower Bengal at that time, its existence can be only a matter of speculation. On the 20th the difference from normal pressure at Calcutta was only $\cdot 04$ inch, and on the 21st it was $\cdot 05$ inch, in both cases defect. The rainfall diminished in amount rather quickly towards the west and north, and less quickly towards the east. For the week ending at 8 A.M. on the 22nd September a fall of more than 40 inches was recorded at Kaliganj, more than 30 over a tract of country about 30 miles in breadth extending northwards from the sea coast to a little north of Calcutta, and from there eastward as far as Khulna. Falls of more than 15 inches occurred over the greater part of the Sunderbans, Backergunge, Khulna, 24-Parganas, Jessore, and Burdwan.

The rising pressure in the east continued during these days, and the pressure gradient became gradually steeper over the greater part of the Province and the Bay, but on the 22nd the rise became general over the Province, the low pressure area moved westward, and rainfall to a large extent ceased in Lower Bengal. There were still falls of 2 to 4 inches, but these were mostly in the south-western districts. The rise of pressure moved westward, and readings were in excess over the whole area from the 23rd onwards till the 27th, when the depression having recurved and moved northwards affected weather and caused heavy rainfall in the west of Bihar. On the 28th the disturbance ceased to exist, the depression having broken up on reaching the Himalayas.

While the heavy rain was falling in south of the Province, very little fell in North Bengal and Bihar, but temperature was unusually low over almost the whole area. Defect was greatest in the region of heavy cloud and rain, and was for several days on an average little short of 10° below the normal. In the central and northern districts defect varied from 5° to 8° . This defect slowly disappeared, and it was not till the 27th that mean temperature was approximately normal over the greater part of the Province.

At the end of the month after the depression finally disappeared, the pressure distribution rapidly changed. Pressure fell over the Bay and rose inland, so that readings became highest in the northern districts and lowest in the south, the first indication of the approaching change of season. Light northerly winds prevailed with comparatively low temperature, except in the extreme east, cloudless skies and only a few scattered showers.

Owing to the phenomenal rainfall at the end of the third week, the total fall for September was much above the average in the south-west of the Province, and as heavy rainfall occurred subsequently in Bihar, there was a moderate excess in that division. South-West Bengal received 280 per cent. of the normal, Chota Nagpur 194 per cent., and Orissa 165 per cent. In East Bengal the distribution was irregular, amounts varying from very heavy in the western parts of the division to light in the east; and in North Bengal there was considerable defect.

Cold season pressure conditions having appeared before the end of September, they continued more marked than usual in October, and, with the exception of two periods of disturbed weather, the month was drier and cooler than in ordinary years.

The first of the two disturbances developed in the east of the Bay, moved north-westward into the north-west angle, and after crossing Orissa about the 6th recurved towards the north. While the central area was approaching and crossing Orissa, heavy rain fell in that area. During the northerly movement of the depression general rain fell in the western districts, especially between the 7th and 9th in Chota Nagpur and on the 10th in Bihar. The second disturbance entered the Bay from the east about the 20th and developed into one of considerable depth while crossing the Bay towards the Madras Coast which it crossed on the 24th. The influence of this depression was slight over the Province, as only scattered rainfall occurred in Orissa and Lower Bengal.

In October Orissa received 16 per cent. excess, but in all other parts rainfall was deficient; Bengal Proper received less than half the usual amount, Chota Nagpur 62 per cent. of the normal, and Bihar 81 per cent.

Since the end of October fine rainless weather has prevailed.

Actual rainfall in inches during 1900.

METEOROLOGICAL DIVISIONS.	May.	June.	July.	August.	September.	October.	Monsoon season, 1900.
South-West Bengal	5.02	8.82	9.60	10.79	24.13	1.62	59.98
North Bengal ...	7.20	18.23	20.46	6.87	10.22	1.52	64.50
East Bengal ...	6.31	19.51	19.75	11.47	9.84	2.18	69.06
Bihar ...	2.17	10.23	12.41	7.39	10.94	2.31	45.45
Orissa ...	3.99	7.66	11.61	20.83	17.68	6.80	68.57
Chota Nagpur ...	2.27	7.42	8.49	13.24	15.73	1.82	48.97

Variation of actual rainfall from the normal in inches.

METEOROLOGICAL DIVISIONS.	May.	June.	July.	August.	September.	October.	Monsoon season, 1900.
South-West Bengal	-0.70	-1.64	-2.53	-1.11	+15.51	-2.38	+7.15
North Bengal ...	-2.05	+0.95	+3.72	-7.66	-3.19	-2.76	-10.99
East Bengal ...	-3.85	+2.82	+2.19	-4.29	-0.85	-3.27	-7.25
Bihar ...	-0.55	+2.37	-0.61	-4.69	+2.35	-0.53	-1.66
Orissa ...	-0.47	-1.54	-0.06	+8.85	+6.96	+0.95	+14.69
Chota Nagpur ...	-0.51	-0.66	-5.34	-0.11	+7.61	-1.12	-0.13

Variation expressed as a percentage of the normal fall.

METEOROLOGICAL DIVISIONS.	May.	June.	July.	August.	September.	October.	Monsoon season, 1900.
South-West Bengal	-12	-16	-21	-9	+180	-60	+14
North Bengal ...	-22	+5	+22	-53	-24	-64	-15
East Bengal ...	-38	+17	+12	-27	-8	-60	-10
Bihar ...	-20	+30	+5	-31	+27	-19	-4
Orissa ...	-11	-17	-1	+74	+65	+16	+27
Chota Nagpur ...	-18	-8	-39	-1	+94	-38	0

METEOROLOGICAL OFFICE, BENGAL,

The 4th January 1901.

C. LITTLE,

Meteorological Reporter to the Govt. of Bengal.

TABLE I.

Actual monthly Rainfall of districts in Bengal for the months of May to October 1900.

[N.B.—The figures in this table are the arithmetical averages of the corresponding figures in the returns for the subdivisional stations.]

METEOROLOGICAL DIVISION.	Division.	District.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10
SOUTH-WEST BENGAL.	Burdwan.	Burdwan ...	6.10	7.68	7.14	10.67	19.14	0.61	51.84
		Birbhum ...	4.68	6.66	9.50	8.94	20.48	0.84	51.10
		Bankura ...	4.42	6.00	5.69	8.96	17.87	0.83	43.77
		Midnapore ...	6.68	7.51	9.40	13.39	24.01	1.92	62.91
		Hooghly ...	4.76	8.65	6.79	13.97	31.20	0.70	66.07
		Howrah ...	4.17	9.94	4.96	15.10	35.02	3.12	72.31
	Presidency.	24-Parganas ...	5.13	11.09	12.22	17.21	38.08	3.31	87.04
		Calcutta ...	4.17	10.15	8.68	16.28	45.55	0.82	85.65
		Nadia ...	6.17	8.82	7.89	7.87	22.03	1.00	53.78
		Murshidabad ...	2.17	9.29	13.70	7.37	16.21	1.10	49.84
		Jessore ...	6.29	11.85	11.63	9.52	24.75	3.27	67.31
		Khulna ...	7.84	13.20	15.03	10.19	31.23	2.66	80.15
NORTH BENGAL.	Rajshahi.	Rajshahi ...	2.92	11.99	12.94	7.53	10.36	1.06	46.80
		Dinajpur ...	6.05	18.99	19.00	8.78	12.10	1.21	66.13
		Jalpaiguri ...	11.04	18.27	27.78	9.73	11.13	1.05	79.00
		Darjeeling ...	7.31	22.85	37.04	18.95	12.83	1.27	100.25
		Oooch Behar ...	12.31	20.96	26.96	4.91	11.76	2.35	79.25
		Rangpur ...	9.96	22.60	23.13	5.11	9.10	2.02	71.92
		Bogra ...	4.16	20.06	19.54	6.12	6.62	1.80	58.30
		Pabna ...	3.64	15.29	13.52	5.22	11.55	0.95	50.17
EAST BENGAL	Dacca.	Dacca ...	5.37	11.84	13.23	9.49	5.79	0.92	46.64
		Mymensingh ...	7.76	22.41	23.20	8.22	8.45	1.60	71.64
		Faridpur ...	6.26	8.09	11.71	10.05	13.17	2.91	52.19
		Backergunge ...	5.04	17.46	20.51	15.15	25.07	2.40	85.63
	Chittagong.	Tippera ...	5.04	16.75	19.92	8.43	5.85	1.47	57.46
		Noakhali ...	6.54	31.54	25.64	19.49	10.00	3.90	97.11
		Chittagong ...	7.35	27.81	20.23	12.85	7.17	2.63	78.04
		Chittagong Hill Tracts ...	10.11	15.95	11.48	11.54	7.53	2.09	58.70
BIHAR	Patna.	Patna ...	1.55	9.72	8.85	7.46	7.67	1.21	36.46
		Gaya ...	0.59	7.69	6.87	7.15	8.80	2.38	33.48
		Shahabad ...	0.96	3.98	9.12	8.85	10.46	3.45	36.82
		Saran ...	1.34	5.79	10.30	5.59	8.72	1.41	33.15
		Champaran ...	2.22	6.95	11.28	7.48	13.09	3.53	44.55
		Muzaffarpur ...	1.25	9.20	12.45	4.53	9.34	2.05	38.82
		Darbhanga ...	1.05	10.64	12.70	5.49	11.58	1.26	42.72
	Bhagalpur.	Monghyr ...	1.42	11.85	13.61	9.86	7.48	2.72	46.94
		Bhagalpur ...	3.38	16.96	16.15	8.53	10.98	2.94	58.94
		Purnea ...	6.35	17.77	25.41	7.07	19.66	2.72	78.98
		Malda ...	3.66	15.10	14.62	7.40	14.13	2.17	57.08
ORISSA	Orissa.	Sonthal Parganas ...	3.27	9.71	13.22	8.40	13.26	2.75	50.61
		Cuttack ...	2.97	6.73	12.71	21.33	19.10	7.37	70.21
		Balasore ...	5.80	8.33	13.13	20.17	19.85	4.41	71.69
CHOTA NAGPUR.	Orissa.	Puri ...	3.09	8.01	7.72	20.97	12.15	9.65	61.59
	Chota Nagpur.	Hazaribagh ...	1.32	8.26	8.30	11.98	10.97	2.44	43.37
		Ranchi ...	2.10	8.24	9.02	13.72	18.89	1.80	53.77
		Palamau ...	0.94	5.24	8.59	13.69	14.31	1.65	44.42
		Manbhum ...	2.51	7.28	6.98	11.87	17.58	1.41	47.63
		Singbhum ...	4.58	6.82	9.93	16.58	19.17	1.49	58.57

TABLE II.

Variation of the average district actual monthly Rainfall from the normal average for the months of May to October 1900.

METEOROLOGICAL DIVISION.	Division.	District.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	... + 1.08	... - 1.53	... - 4.87	... - 0.98	+ 11.38	- 2.68	+ 2.40
		Birbhum	... + 0.52	... - 4.07	... - 3.21	... - 3.15	+ 10.58	- 2.49	- 1.82
		Bankura	... - 0.38	... - 4.44	... - 6.98	... - 3.46	+ 9.72	- 2.33	- 7.87
		Midnapore	... + 1.39	... - 2.29	... - 3.02	+ 0.21	+ 14.97	- 2.51	+ 8.75
		Hooghly	... - 0.53	... - 1.05	... - 5.23	+ 1.51	+ 23.14	- 3.41	+ 14.43
		Howrah	... - 1.29	... - 0.30	... - 7.00	+ 2.81	+ 26.95	- 0.63	+ 20.54
	Presidency.	24-Parganas	... - 0.32	+ 0.47	- 0.31	+ 4.00	+ 28.98	- 1.97	+ 30.85
		Calcutta	... - 1.26	- 0.59	- 3.78	+ 3.33	+ 36.22	- 3.57	+ 30.35
		Nadia	... - 0.32	- 0.90	- 2.61	- 3.42	+ 13.91	- 3.12	+ 3.54
		Murshidabad	... - 3.20	- 0.31	+ 2.59	- 2.74	+ 7.19	- 2.58	+ 0.95
		Jessore	... - 0.77	+ 0.56	+ 1.22	- 1.23	+ 17.02	- 1.07	+ 15.73
		Khulna	... + 1.35	+ 0.55	+ 2.21	- 1.59	+ 22.38	- 2.28	+ 22.62
NORTH BENGAL.	Rajshahi.	Rajshahi	... - 3.28	+ 1.93	+ 1.22	- 2.92	0	- 2.41	- 5.46
		Dinajpur	... + 0.17	+ 6.10	+ 5.07	- 2.83	+ 0.74	- 2.54	+ 6.71
		Jalpaiguri	... - 1.23	- 7.29	- 0.30	- 13.76	- 7.91	- 3.37	- 33.86
		Darjeeling	... - 4.07	- 4.37	+ 1.57	- 9.03	- 6.70	- 4.89	- 27.49
		Cooch Behar	... - 1.70	- 8.48	+ 2.93	- 17.46	- 7.62	- 3.14	- 35.47
		Rangpur	... - 1.11	+ 3.09	+ 7.90	- 6.94	- 4.23	- 2.68	- 3.97
		Bogra	... - 3.78	+ 7.57	+ 6.97	- 5.41	- 3.98	- 2.44	- 1.07
		Pabna	... - 4.11	+ 4.44	+ 2.39	- 5.95	+ 2.21	- 3.19	- 4.21
EAST BENGAL	Dacca.	Dacca	... - 4.28	- 0.88	- 0.23	- 3.15	- 2.90	- 3.30	- 14.74
		Mymensingh	... - 3.29	+ 4.50	+ 7.03	- 6.66	- 3.89	- 3.45	- 5.76
		Faridpur	... - 2.24	- 4.16	- 0.14	- 1.46	+ 5.11	- 1.40	- 4.29
		Backergunge	... - 3.06	+ 1.21	+ 1.86	- 0.13	+ 14.50	- 3.53	+ 10.85
	Chittagong.	Tippera	... - 5.28	+ 2.70	+ 6.95	- 4.42	- 3.38	- 3.22	- 6.65
		Noakhali	... - 4.39	+ 10.00	+ 0.98	- 5.11	- 3.98	- 3.83	- 6.33
		Chittagong	... - 4.19	+ 5.30	- 8.15	- 8.33	- 4.47	- 4.11	- 23.95
		Chittagong Hill Tracts	... - 1.27	- 1.92	- 7.10	- 6.49	- 3.97	- 4.45	- 25.20
BIHAR	Patna.	Patna	... - 0.45	+ 2.74	- 3.35	- 3.81	+ 0.81	- 1.74	- 5.80
		Gaya	... - 0.86	+ 2.09	- 5.24	- 4.69	+ 2.35	+ 0.07	- 6.28
		Shahabad	... - 0.07	- 1.49	- 2.57	- 3.41	+ 3.63	+ 0.58	- 3.33
		Saran	... - 0.43	- 1.15	- 1.84	- 5.30	+ 1.12	- 2.08	- 9.68
		Champaran	... - 0.44	- 3.20	- 2.48	- 5.74	+ 3.59	+ 0.22	- 8.05
		Muzaffarpur	... - 0.98	+ 1.80	+ 0.06	- 6.73	+ 1.77	- 0.59	- 4.67
		Darbhanga	... - 1.48	+ 3.23	+ 0.23	- 7.42	+ 1.67	- 0.84	- 4.61
	Bhagalpur.	Monghyr	... - 1.18	+ 4.94	+ 0.39	- 2.02	- 0.51	+ 0.36	+ 1.98
		Bhagalpur	... - 0.13	+ 8.45	+ 3.03	- 3.15	+ 1.71	+ 0.35	+ 10.26
		Purnea	... + 0.69	+ 4.69	+ 7.69	- 8.71	+ 6.74	- 0.36	+ 10.74
		Malda	... - 1.03	+ 5.37	+ 1.22	- 3.78	+ 2.94	- 1.28	+ 3.44
ORISSA	Orissa.	Sonthal Parganas	... - 0.38	+ 0.96	+ 0.05	- 2.99	+ 4.09	- 0.82	+ 0.91
		Cuttack	... - 1.60	- 3.19	+ 0.94	+ 8.99	+ 8.84	+ 1.52	+ 15.50
		Balasore	... + 0.68	- 0.64	+ 1.04	+ 8.67	+ 8.63	- 0.68	+ 17.70
CHOTA NAGPUR.	Chota Nagpur.	Puri	... - 0.26	- 0.35	- 3.22	+ 8.89	+ 1.41	+ 2.74	+ 9.21
		Hazaribagh	... - 1.39	+ 0.78	- 6.06	- 1.47	+ 2.46	- 1.00	- 6.68
		Ranchi	... - 0.71	+ 0.13	- 4.61	+ 0.05	+ 10.13	- 0.62	+ 4.37
		Palamanu	... - 0.28	- 1.20	- 5.56	- 0.36	+ 6.49	- 1.13	- 2.04
		Manbhum	... - 0.62	- 1.65	- 6.39	- 1.38	+ 9.79	- 1.21	- 1.46
		Singbhum	... + 0.69	- 2.36	- 3.44	+ 4.17	+ 11.31	- 1.48	+ 8.89

TABLE III.

The variation of the average district monthly Rainfall expressed as a percentage of the normal fall for the months of May to October 1900.

METEOROLOGICAL DIVISION.	Division.	District.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	+ 22	- 17	- 41	- 8	+ 147	- 81	+ 5
		Birbhum	+ 13	- 38	- 25	- 26	+ 107	- 75	- 3
		Bankura	- 8	- 43	- 55	- 28	+ 119	- 74	- 15
		Midnapore	+ 26	- 23	- 24	+ 2	+ 166	- 57	+ 16
		Hooghly	- 10	- 11	- 44	+ 12	+ 287	- 83	+ 28
		Howrah	- 24	- 3	- 59	+ 23	+ 334	- 17	+ 40
	Presidency.	24-Parganas	- 6	+ 4	- 2	+ 30	+ 318	- 37	+ 55
		Calcutta	- 23	- 5	- 30	+ 26	+ 388	- 81	+ 55
		Nadia	- 5	- 9	- 25	- 30	+ 171	- 76	+ 7
		Murshidabad	- 60	- 3	+ 23	- 27	+ 80	- 70	+ 2
		Jessore	- 11	+ 5	+ 12	- 11	+ 220	- 25	+ 30
		Khulna	+ 21	+ 4	+ 17	- 14	+ 253	- 46	+ 39
NORTH BENGAL.	Rajshahi.	Rajshahi	- 53	+ 19	+ 10	- 28	0	- 69	- 10
		Dinajpur	+ 3	+ 47	+ 36	- 25	+ 7	- 68	+ 11
		Jalpaiguri	- 10	- 29	- 1	- 59	- 42	- 76	- 30
		Darjeeling	- 36	- 16	+ 4	- 32	- 34	- 79	- 22
		Cooch Behar	- 12	- 29	+ 12	- 78	- 39	- 57	- 31
		Rangpur	- 10	+ 16	+ 52	- 58	- 32	- 57	- 5
		Bogra	- 48	+ 61	+ 55	- 47	- 38	- 58	- 2
		Pabna	- 53	+ 41	+ 21	- 53	+ 24	- 77	- 8
EAST BENGAL	Dacca.	Dacca	- 44	- 7	- 2	- 25	- 33	- 78	- 24
		Mymensingh	- 30	+ 25	+ 43	- 45	- 32	- 68	- 7
		Faridpur	- 26	- 34	- 1	- 13	+ 63	- 32	- 8
		Backergunge	- 38	+ 7	+ 10	- 1	+ 137	- 60	+ 15
	Chittagong.	Tippera	- 51	+ 19	+ 54	- 34	- 37	- 69	- 10
		Noakhali	- 40	+ 46	+ 4	- 21	- 28	- 50	- 6
		Chittagong	- 36	+ 24	- 29	- 39	- 38	- 61	- 23
		Chittagong Hill Tracts	- 11	- 11	- 38	- 36	- 35	- 68	- 30
	Patna.	Patna	- 23	+ 39	- 27	- 34	+ 12	- 59	- 14
		Gaya	- 59	+ 37	- 43	- 40	+ 36	+ 3	- 16
		Shahabad	- 7	- 27	- 22	- 28	+ 53	+ 20	- 8
		Saran	- 24	- 17	- 15	- 49	+ 15	- 60	- 23
		Champaran	- 17	- 32	- 18	- 43	+ 38	+ 7	- 15
		Muzaffarpur	- 44	+ 24	+ 1	- 60	+ 23	- 22	- 11
BIHAR	Bhagalpur.	Darbhangha	- 59	+ 44	+ 2	- 57	+ 17	- 40	- 10
		Monghyr	- 46	+ 71	+ 3	- 17	- 6	+ 15	+ 4
		Bhagalpur	- 4	+ 99	+ 23	- 27	+ 18	+ 14	+ 21
		Purnea	+ 12	+ 36	+ 43	- 55	+ 52	- 12	+ 16
		Malda	- 22	+ 55	+ 9	- 34	+ 26	- 37	+ 6
		Sonthal Parganas	- 10	+ 11	+ 1	- 26	+ 45	- 23	+ 2
ORISSA	Orissa.	Cuttack	- 35	- 32	+ 8	+ 73	+ 86	+ 26	+ 28
		Balasore	+ 13	- 7	+ 9	+ 75	+ 77	- 13	+ 33
		Puri	- 8	- 4	- 29	+ 74	+ 13	+ 40	+ 18
CHOTA NAGPUR.	Chota Nagpur.	Hazaribagh	- 51	+ 10	- 42	- 11	+ 29	- 29	- 13
		Ranchi	- 25	+ 2	- 34	+ 1	+ 116	- 26	+ 9
		Palamau	- 23	- 19	- 39	- 3	+ 83	- 40	- 4
		Manbhum	- 20	- 18	- 48	- 10	+ 126	- 46	- 3
		Singhbhum	+ 18	- 26	- 26	+ 34	+ 144	- 50	+ 18

TABLE IV.

Monthly Rainfall of the subdivisional Rainfall-recording stations in the Province of Bengal for the months of May to October 1900.

METEO- RO- LOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	Kalna ...	7.50	8.00	8.21	12.19	18.55	0.53	54.98
			Burdwan ...	6.03	8.04	7.79	8.79	17.55	0.15	48.35
			Katwa ...	6.17	9.56	10.34	10.94	19.17	0.75	56.93
			Raniganj ...	4.67	4.47	6.04	9.71	16.49	0.79	42.17
			Mankur ...	6.15	8.32	3.33	11.71	23.94	0.62	54.07
		Birbhum	Suri ...	5.68	6.04	9.58	10.27	19.15	1.17	51.89
			Hetampur ...	3.87	5.95	10.15	8.50	24.19	0.71	53.37
			Rampur Hât ...	2.50	7.56	11.68	9.16	18.81	1.14	50.85
			Bolpur ...	6.67	7.08	6.59	7.83	19.75	0.35	48.27
			Murari ...	4.67	17.28	22.38	7.11	17.95	1.52	70.91
		Bankura	Lalpur ...	4.83	7.06	11.53	6.85	21.92	0.71	52.90
			Bankura ...	5.65	5.67	5.01	10.72	18.63	0.25	45.93
			Vishnupur ...	4.96	7.79	5.39	11.14	18.47	0.75	48.50
			Maliara ...	4.06	4.44	2.86	9.14	14.29	1.24	36.03
			Khatra ...	3.42	4.16	5.66	7.70	24.14	1.30	46.38
			Indas ...	4.39	6.79	7.41	6.96	19.59	0.71	47.85
			Kotalpur ...	2.51	6.81	9.98	7.15	11.73	1.17	39.35
			Onda ...	5.83	5.55	3.33	8.40	12.13	0.60	42.84
			Gangajalghati ...	2.55	5.07	5.44	11.60	11.27	0.39	36.32
			Raipur ...	6.42	3.60	6.45	8.12	23.58	0.35	48.52
		Midnapore	Sonamukhi ...	4.39	8.14	5.32	8.71	17.91	1.58	46.05
			Contai ...	7.44	11.44	10.29	17.92	26.30	3.50	76.89
			Tamluk ...	9.89	8.62	3.47	11.14	25.82	2.19	61.13
			Midnapore ...	5.68	6.32	15.62	14.74	22.28	1.74	66.38
			Ghatal ...	7.04	6.69	6.27	11.36	18.08	0.55	49.99
			Kukrahaty ...	7.35	6.22	7.11	12.41	36.49	3.24	72.82
			Garhbeta ...	2.71	5.79	13.61	12.77	15.08	0.30	56.26
		Hooghly	Panskura ...	6.94	6.96	2.60	18.45	21.28	1.54	57.77
			Dantoon ...	7.89	6.18	5.69	19.29	17.79	3.90	60.74
			Serampore ...	3.74	9.80	10.10	19.71	46.46	1.54	91.35
		Howrah	Hooghly ...	4.43	9.64	4.67	16.14	31.97	0.46	67.31
			(Arambagh).							
		Howrah	Jahanabad ...	6.11	6.45	5.60	6.07	15.18	0.09	39.50
			Howrah ...	3.44	9.41	6.74	16.28	42.15	0.90	78.92
			Mohesreka ...	4.90	10.47	3.18	13.91	27.88	5.33	65.67
		24-Parganas	Ulubaria ...	3.67	8.18	8.01	11.39	27.93	3.77	62.95
			Saugor Island ...	4.77	14.54	16.39	15.74	29.87	6.35	87.66
			Diamond Harbour ...	6.73	11.81	16.05	10.98	44.26	4.27	94.10
			Budge-Budge ...	5.48	7.57	8.80	13.83	33.92	6.75	76.35
			Canning Town... ..	6.75	10.29	16.50	11.71	27.67	1.96	74.88
			Alipore (Observatory).	4.17	10.15	8.68	16.28	45.55	0.82	85.65
			Barrackpore ...	4.29	9.47	9.86	17.88	40.56	2.21	84.27
			Dum-Dum ...	6.66	11.41	9.34	15.99	41.77	1.76	86.93
			Barasat ...	3.63	6.98	6.11	32.09	45.54	5.12	99.47
			Basirhat ...	3.07	13.16	11.30	16.08	36.91	1.48	82.00
	Presidency.	Nadia	Ranaghat ...	8.05	6.83	6.39	9.77	26.68	0.05	57.77
			Krishnagar ...	4.67	4.96	8.67	9.70	29.32	0.70	58.02
			Chuadanga ...	4.26	10.29	6.18	8.36	16.53	0.51	46.13
			Meherpur ...	7.33	11.12	9.17	4.51	18.13	2.46	52.72
			Kushtia ...	6.53	10.92	9.03	7.01	19.50	1.28	54.27
		Murshidabad.	Kandi ...	2.49	7.95	13.46	9.65	20.67	1.86	56.08
			Berhampore ...	1.87	6.84	16.81	9.62	21.96	0.49	57.59
			Lalbag ...	1.45	5.60	15.96	11.88	17.07	0.40	52.36
			Azimganj ...	1.98	10.52	13.59	9.85	13.74	1.02	50.70
			Jangipur ...	3.73	9.70	14.31	5.38	12.49	1.19	46.80
			Lalgola ...	1.70	8.70	10.45	6.20	18.80	2.80	48.65
			Akhriganj ...	1.39	11.06	11.44	4.26	12.60	0.91	41.66
			Patkabari ...	0.80	7.10	5.10	3.50	16.50	Nil.	33.00
			Dumkal ...	2.75	13.93	13.57	6.00	12.76	0.15	49.16

METEORO- LOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
SOUTH-WEST BENGAL— <i>concl'd.</i>	Presidency— <i>concl'd.</i>	Jessore	Narail	7.43	9.08	10.42	13.96	24.03	3.25	68.17
			Jessore	7.18	15.60	10.17	9.60	22.06	5.96	70.57
			Jhenidah	4.63	16.68	13.75	5.98	20.86	2.37	64.27
			Magura	7.18	8.12	14.17	9.10	19.31	1.01	58.89
			Bangaon	5.01	9.79	9.62	8.95	37.51	3.74	74.62
		Khulna	Satkhira	7.41	12.28	12.07	10.31	37.19	4.29	83.55
			Bagerhat	8.73	14.66	19.43	10.01	35.86	2.25	91.00
			Khulna	7.32	12.67	13.59	10.26	20.64	1.45	65.93
			Katiganj	4.92	11.75	17.70	20.80	51.90	5.44	112.51
			Nakipur	7.66	13.11	10.61	14.66	30.73	3.83	80.60
			Dumuria	4.38	12.95	10.55	9.35	29.92	0.80	67.95
			Rampal	5.15	13.44	16.10	7.96	29.68 ^p	1.96	74.29
			Kataroa	5.70	9.45	11.86	10.78	34.48	2.11	74.38
			Paikgacha	9.92	10.40	12.22	21.59	37.54	7.56	99.23
			Mollahat	6.44	12.60	13.74	22.94	32.61	0.97	89.30
			Morellganj	4.48	13.47	17.68	10.70	33.74	2.12	82.19
			Tala	8.37	14.91	15.19	13.93	30.67	3.14	86.21
			Boalia	2.58	9.54	13.35	9.98	14.50	2.60	52.55
			Nator	4.08	11.73	16.39	8.17	12.18	0.25	52.80
		Raishahi	Naugaon	1.79	15.77	15.14	6.55	7.21	0.32	46.78
			Lalpur	3.26	9.88	5.47	11.27	15.06	0.55	49.49
			Manda	3.35	12.30	7.10	3.92	5.75	2.03	34.45
			Mahadebpur	2.45	12.71	16.21	5.29	7.43	0.61	44.70
			Nithpur	3.41	15.68	11.10	3.72	13.86	0.28	48.05
		Dinajpur	Nawabganj	4.65	24.71	22.89	4.62	13.73	2.00	72.60
			Gangarampur	5.53	16.63	14.90	9.64	13.79	2.95	63.44
			Churaman	6.61	13.86	15.96	7.61	15.86	0.61	61.51
			Raiganj	6.25	24.27	27.51	6.94	11.33	2.38	78.68
			Dinajpur	8.24	24.22	20.76	14.54	15.18	0.56	83.50
			Balughat	3.11	13.62	11.75	6.03	5.04	1.28	40.83
			Thakurgaon	5.21	20.51	20.51	5.87	16.99	1.37	70.46
			Setabganj	7.16	23.56	14.57	7.80	14.85	2.20	70.14
			Ramganj	9.45	23.01	14.23	6.61	17.26	1.45	72.01
		Jalpaiguri	Jalpaiguri	17.49	22.18	33.61	12.27	16.36	0.30	102.21
			Alipur Duar	11.65	22.35	34.94	11.62	10.10	0.46	91.12
			Fallacotta	8.73	14.20	24.88	9.07	7.86	1.22	65.96
			Debiganj	6.30	14.35	17.70	5.97	10.20	2.22	56.74
			Bhagalpur (Na-grakatta).	8.77	17.95	41.53	22.01	8.00	2.14	100.46
NORTH BENGAL.	Rajshahi.	Darjeeling	Kalchini	12.98	15.80	36.07	16.68	8.32	0.64	90.49
			Buxa	10.99	22.52	58.38	28.39	7.82	3.41	131.51
			Siliguri	9.70	18.64	33.84	13.17	20.22	1.17	96.74
			Darjeeling	4.93	30.10	32.79	18.18	15.09	0.34	101.43
			Kalimpong	3.61	20.12	23.14	16.08	8.18	0.17	71.30
		Tibet	Mungpoo	8.82	34.09	33.99	23.60	18.70	0.17	119.37
			Kurseong	7.09	41.17	45.24	22.92	18.86	0.99	136.27
			Pedong	6.81	19.23	26.83	16.68	9.67	0.22	79.44
			Yatung	3.73	11.36	13.44	9.12	4.26	0.73	42.64
			Dinhatta	15.90	21.29	26.52	3.73	11.47	2.82	81.73
		Cooch Behar	Cooch Behar	15.23	19.81	27.36	5.58	14.21	1.17	83.36
			Mickliganj	10.40	23.11	30.39	7.05	8.65	3.84	83.44
			Mathabhanga	7.69	19.61	23.56	3.29	12.72	1.57	68.44
			Fulbari	18.38	21.03	27.18	5.53	15.81	2.85	90.78
			Bhawaniganj (Gaibanda).	8.52	20.20	18.36	4.08	5.28	1.89	58.33
		Rangpur	Rangpur	8.20	25.00	22.58	5.12	8.45	1.98	71.33
			Peerganj	6.74	23.06	17.10	7.89	6.18	0.26	61.23
			Kurigaon	14.43	19.79	27.97	3.39	6.85	3.13	75.56
			Gobindganj	4.73	16.94	21.35	8.24	4.81	2.04	58.11
			Bagdogra (Nilphamari).	7.35	21.79	20.51	8.62	12.67	2.60	73.54
		Bogra	Ulipur	11.30	26.21	26.21	4.32	11.87	0.46	80.39
			Sunderganj	8.07	19.71	22.95	7.71	6.18	0.31	64.93
			Sherpur	3.43	19.32	20.47	7.33	5.65	0.49	56.69
			Nowkhilla	7.43	24.78	25.03	3.78	8.89	0.46	70.37
			Bogra	2.49	20.71	19.35	8.39	4.75	2.76	58.45
		Pabna	Panchbibi	3.27	15.43	13.32	4.98	7.17	3.49	47.66
			Pabna	4.21	14.47	13.21	6.14	15.31	0.45	53.79
			Sirajganj	3.07	16.11	13.82	4.29	7.79	1.44	46.52

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
EAST BENGAL.	Dacca.	Dacca	Munshiganj ...	5.31	11.41	13.06	13.78	6.46	0.08	50.10
			Dacca ...	3.73	9.74	16.18	7.71	6.01	1.01	44.38
			Narayanganj ...	4.80	9.25	11.04	10.07	5.39	0.52	41.07
			Manikganj ...	4.56	16.70	14.29	9.09	6.64	0.68	51.96
			Jaydebpur ...	8.47	12.12	11.58	6.81	4.43	2.30	45.71
		Mymensingh	Kishorganj ...	6.10	18.74	27.44	7.11	10.94	2.50	72.83
			Atia (Tangail) ...	4.27	12.12	10.43	5.53	5.20	2.12	39.67
			Mymensingh ...	8.21	20.81	39.86	8.19	10.26	1.82	89.15
			Jamalpur ...	4.50	25.29	22.98	3.86	4.88	0.80	61.61
			Netrakona ...	6.66	32.21	25.35	16.00	14.72	2.40	97.34
			Subarnakhali ...	4.65	14.49	14.46	3.79	5.88	1.60	44.87
			Durgapur ...	17.85	36.80	16.90	11.10	13.90	0.84	97.39
			Sherpur Town ...	6.15	15.02	24.85	10.72	2.73	0.52	59.99
			Diwanganj ...	10.07	18.84	28.15	10.65	2.30	2.20	72.21
			Nalitabari ...	8.72	16.35	30.98	9.15	11.36	1.26	77.82
		Faridpur	Madaripur ...	4.50	6.25	8.03	9.40	14.92	1.00	44.10
			Faridpur ...	8.37	10.92	14.48	11.50	13.58	4.33	63.18
			Goalundo ...	5.92	7.11	12.61	9.26	11.00	3.40	49.30
		Backergunge.	Patuakhali ...	2.88	14.74	22.33	16.13	28.97	1.60	86.65
			Pirojpur ...	7.44	13.73	17.59	12.17	26.44	1.48	78.85
			Barisal ...	3.48	18.47	19.88	14.11	25.44	3.27	84.65
			Gaurnadi ...	6.24	12.05	18.09	14.84	17.13	0.90	69.25
			Bhola ...	4.60	22.21	21.31	14.37	18.77	4.88	86.14
		Hill Tippera	Daulatkhan ...	8.89	25.39	22.31	18.90	16.92	1.48	93.89
			Bauphal ...	6.22	23.56	23.87	19.28	32.91	2.27	108.11
			Agartala ...	5.77	18.22	19.33	2.40?	5.45	1.10	52.27?
		Tippera	Comilla ...	5.81	20.56	23.79	9.50	5.04	3.09	67.79
			Chandpur ...	4.56	11.62	11.95	14.21	11.30	0.98	54.62
			Brahmanbaria ...	5.68	17.93	27.40	4.57	4.69	2.85	63.12
			Ramchandrapur ...	3.63	13.03	14.17	4.58	1.59	0.20	37.20
			Nasirnagar ...	5.56	15.10	26.69	9.63	5.16	0.10	62.24
			Daudkandi ...	3.78	5.96	10.01	6.50	6.25	NIL.	32.50
			Kasba ...	10.14	24.31	24.79	7.23	4.95		
			Laksam ...	5.50	24.05	21.11	7.35	3.99	2.19	64.19
	Chittagong.	Noakhali	Noakhali ...	9.05	34.57	27.09	21.75	11.52	4.88	108.81
			Fenny ...	6.87	28.36	27.42	17.15	7.87	2.20	89.87
			Harishpur ...	5.45	34.35	29.25	22.39	10.08	5.01	106.53
			Ramganj ...	4.80	28.86	18.78	16.65	10.51	3.56	83.16
			Chhaganaya ...	9.64	27.47	33.17	15.92	6.47	1.28	93.95
		Chittagong	Hatya ...	8.77	25.60	27.83	19.70	15.63	7.12	104.65
			Lakhipur ...	4.46	24.38	23.06	14.42	15.69	1.42	83.43
			Cox's Bazar ...	6.86	33.83	35.24	21.49	14.38	0.70	112.50
			Chittagong ...	6.62	30.36	19.50	11.01	3.71	1.46	72.66
			Kutubdia ...	10.20	25.08	18.56	8.81	7.22	2.62	72.49
		Chittagong Hill tracts.	Satkanya ...	7.48	24.70	14.28	12.70	5.61	2.34	67.11
			Kodala ...	5.57	25.06	13.59	10.21	4.92	6.01	65.36
			Fenaa ...	8.00	26.82	18.98	13.85	6.72	4.23	78.60
			Mirsarai ...	9.24	36.19	29.77	13.60	8.34	3.15	100.29
			Rangamatia ...	10.11	15.95	11.48	11.54	7.53	2.09	58.70
BIHAR.	Patna.	Patna	Bundarban ...	4.54	20.64	13.28	7.17	6.81	4.21	56.65
			Patna ...	1.98	7.90	14.69	10.82	8.50	1.01	44.90
			Dinapore ...	0.45	6.09	10.13	10.47	7.67	0.70	35.51
			Bihar ...	1.91	8.63	6.73	7.67	5.06	1.56	31.56
			Barh ...	0.77	13.98	5.83	5.09	7.63	1.75	35.05
		Gaya	Bikram ...	2.61	9.14	8.41	6.22	6.95	1.36	34.69
			Hilsa ...	1.60	12.60	7.30	4.50	10.20	0.85	37.05
			Aurangabad ...	0.27	7.50	6.96	11.05	7.24	4.20	37.22
			Gaya ...	1.61	7.54	4.91	8.04	8.93	1.78	32.81
			Nawadah ...	0.93	7.81	7.18	8.05	12.11	2.34	38.42
			Jahanabad ...	0.70	9.25	5.17	6.64	9.48	1.90	33.14
			Arwal ...	0.86	6.33	7.83	4.06	12.82	1.78	33.18
			Daudnagar ...	0.34	5.81	10.41	6.41	6.53	3.10	32.60
			Sherghati ...	0.47	6.44	6.17	8.43	9.14	2.40	33.05
			Rajauli ...	?	?	?	?	5.26	1.54	6.80?
			Pakri Barawan ...	0.60	10.80	6.35	4.50	7.68	3.08	33.01
			Deo ...	0.10	3.78	5.51	8.54	10.85	2.42	31.20

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
BIHAR—contd.	Patna—contd.	Shahabad ...	Buxar ...	0.40	4.06	10.42	5.55	8.86	1.68	30.97
			Dehri ...	1.54	4.27	5.85	9.40	9.22	3.42	33.70
			Bhabhua ...	0.62	3.90	5.95	10.36	11.83	7.91	40.57
			Sasaram ...	1.17	5.44	8.79	9.30	9.79	2.86	37.35
			Arrah ...	1.31	3.50	16.84	9.43	7.99	1.39	40.46
			Mohanea ...	0.90	2.71	6.88	9.08	15.06	10.26	44.89
			Khiri ...	0.15	2.78	6.77	4.08	9.47	6.12	29.37
			Ageaon ...	1.04	5.53	7.65	4.25	8.48	1.31	28.26
			Ramagar ...	0.51	4.15	5.58	4.77	6.99	0.96	22.96
			Koath ...	0.11	3.69	5.77	10.60	9.41	1.94	31.52
			Sikrout ...	0.13	3.46	4.90	5.73	6.87	1.40	22.49
			Bassowan ...	Nil.	5.53	6.82	7.04	10.76	7.78	37.93
			Monaharpur ...	0.54	2.75	6.77	5.39	8.43	6.38	30.26
			Chausa ...	0.19	4.68	8.70	6.59	8.58	2.23	30.97
		Saran ...	Gopalganj ...	2.51	3.83	11.94	5.71	9.69	2.20	35.88
			Siwan ...	0.77	5.17	9.69	4.52	6.97	1.08	28.20
			Ekma ...	Nil.	8.58	10.35	9.37	7.42	0.70	36.42
			Chapra ...	0.74	8.37	9.28	6.55	9.50	0.95	35.39
			Hathwa ...	1.47	8.01	12.42	4.96	7.71	2.12	36.69
			Amnour ...	1.20	6.76	8.55	7.55	11.58	1.16	36.80
			Basantpur ...	0.78	9.41	5.28	7.48	10.37	2.27	35.59
			Daruali ...	2.28	2.84	9.15	6.34	6.49	1.99	29.09
			Bhorch ...	4.45	5.60	3.14	5.18	8.35	2.76	29.48
			Motihari ...	1.09	9.31	11.60	6.74	13.82	2.32	44.83
		Champaran ...	Bettiah ...	5.19	6.25	10.98	10.23	14.68	4.40	51.73
			Bagaha ...	1.70	7.53	9.49	14.99	10.71	3.37	37.79
			Burhurwa ...	0.88	5.06	13.06	7.96	13.13	4.04	44.13
			Ramnagar ...	1.94	10.16	16.87	3.73	10.51	4.10	47.31
		Muzaffarpur ...	Sitamarhi ...	3.69	13.33	17.71	5.76	9.15	3.72	53.36
			Muzaffarpur ...	1.52	9.66	13.90	3.56	8.22	1.99	38.85
			Hajipur ...	0.38	7.04	8.94	5.61	10.45	0.85	33.27
			Paru ...	0.26	6.22	13.40	2.86	9.48	0.97	33.19
			Mahuwa ...	0.37	9.40	9.21	4.60	...	...	...
			Shiuhar ...	1.13	11.10	9.09	5.05	8.23	2.41	37.01
		Darbhanga ...	Pupri ...	0.49	7.85	11.67	4.26	10.51	2.35	37.13
			Tajpur ...	1.17	8.27	11.88	6.83	13.32	0.45	41.92
			Darbhanga ...	0.40	12.21	12.16	3.89	12.12	0.90	41.68
			Madhubani ...	2.12	10.94	12.36	4.51	14.55	2.02	46.50
			Bahera ...	0.97	11.87	11.19	3.62	8.76	0.69	37.10
			Rosera ...	0.60	9.92	15.91	8.58	8.67	2.22	45.90
			Begusarai ...	0.87	10.62	18.44	12.10	3.53	2.29	47.85
			Monghyr ...	1.63	11.59	12.98	8.65	7.40	3.43	45.68
			Jamui ...	1.69	11.01	14.53	7.22	8.05	1.74	44.24
			Gogri ...	2.43	16.12	15.64	11.48	10.94	2.32	58.93
		Monghyr ...	Jamalpur ...	1.61	13.44	19.04	9.91	9.97	4.69	58.66
			Shaikhpora ...	0.50	9.92	6.47	1.52?	1.85?	3.80	24.06?
			Chakai Bamda ...	3.06	9.94	12.87	7.91	12.25	2.39	48.42
			Chupreon ...	1.80	11.90	17.73	5.35	8.64	2.12	47.54
			Gidhour ...	4.39	9.95	6.25	7.29	7.66	1.42	36.96
			Khargpur ...	2.86	10.06	12.19	9.46	13.49	3.35	51.41
		Bhagalpur ...	Madhipura ...	3.74	15.10	14.48	6.98	15.51	2.27	58.08
			Bangaon (Syfabad). ...	1.38	14.20	15.37	6.28	10.87	1.84	49.94
			Supaul ...	3.03	13.73	22.43	6.85	11.27	1.09	58.40
			Pratapganj ...	5.27	17.56	12.91	3.53	8.69	1.95	49.91
			Bhagalpur ...	2.89	18.76	16.93	13.09	9.88	5.28	66.83
			Bauka ...	2.18	13.47	15.24	13.96	10.59	4.39	59.33
			Colgong ...	3.16	23.14	14.91	6.77	9.91	2.68	60.57
			Bansil ...	2.34	13.40	10.48	14.23	11.82	1.83	54.10
			Kishanganj ...	8.25	16.46	28.95	6.09	26.89	4.10	90.74
			Araria ...	9.19	14.26	19.35	4.17	19.59	2.79	69.35
		Purnea ...	Purnea ...	3.05	23.25	21.06	5.68	21.46	1.33	75.83
			Gondwara (Korah) ...	2.80	24.59	27.62	9.15	20.17	2.80	87.13
			Barsoe ...	6.30	15.12	22.77	5.80	15.90	3.00	68.89
			Forbesganj ...	8.38	18.66	19.34	6.15	16.29	1.50	70.32
			Kaliaganj ...	8.44	11.28	30.05	10.27	11.10	2.60	73.74

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
BIHAR— <i>concd.</i>	Bhagalpur— <i>concd.</i>	Malda	Malda ...	2.46	12.70	11.44	8.28	12.97	0.91	48.76
			Chanchal ...	4.65	15.80	18.11	5.78	17.18	2.02	63.54
			Gajol ...	4.35	21.57	18.23	7.97	16.77	4.05	72.94
			Sibganj ...	3.18	10.34	10.68	7.58	9.58	1.69	43.05
			Rajmahal ...	1.29	13.31	9.02	4.84	10.52	3.75	42.73
			Godda ...	4.26	14.87	9.94	10.09	10.75	3.55	53.46
			Pakaur ...	4.12	10.52	14.83	6.09	12.90	2.04	50.50
			Naya Dumka ...	5.36	7.46	15.26	10.73	14.74	1.62	55.17
			Deoghur ...	4.56	6.81	16.05	6.22	14.45	3.51	51.60
			Jamtara ...	2.12	5.81	7.21	12.41	14.41	0.37	42.33
			Mohagama ...	1.20	22.28	12.79	7.42	10.57	4.39	58.65
			Nanihat ...	2.43	9.20	20.24	8.06	15.06	Nil.	54.99
			Assenboni ...	2.69	8.35	12.58	13.70	23.47	0.27	61.06
			Katikund ...	2.77	11.74	14.12	16.05	23.63	2.75	71.06
		Sonthal Parganas.	Madhupur ...	5.27	7.90	8.45	10.93	13.44	2.06	48.05
			Sarwan ...	4.19	7.42	7.35	12.21	15.48	2.58	49.23
			Sarath ...	2.08	5.49	9.06	9.87	16.63	0.85	43.98
			Barkope ...	4.67	17.12	13.83	10.42	9.12	2.30	57.46
			Bhagya ...	3.40	17.80	9.99	6.85	12.00	1.77	51.81
			Mohespore ...	1.93	10.27	16.34	5.91	14.84	1.57	50.86
			Hiranpur ...	9.04	11.69	15.63	8.04	19.22	1.35	64.97
			Barharica ...	2.20	14.19	18.00	7.97	10.87	4.27	57.50
			Sahibganj ...	2.91	25.87	11.77	10.06	14.76	2.04	67.41
			Bario ...	3.79	19.29	18.63	9.07	12.20	1.23	64.21
			Jagatsingpur ...	3.13	9.61	8.43	26.61	12.82	8.11	68.71
			Banki ...	3.16	8.03	7.57	14.64	24.01	10.76	68.17
		Cuttack	Cuttack ...	2.80	4.08	8.10	21.17	22.38	8.04	66.57
			False Point ...	2.34	5.80	16.79	22.60	18.26	7.42	73.21
			Kendrapara ...	3.03	6.07	10.09	20.93	18.53	5.79	64.44
			Jajpur ...	1.81	6.20	18.87	20.34	18.36	6.46	72.04
			Dharmasala ...	4.45	7.16	23.25	25.28	22.95	4.67	87.76
			Salipore ...	3.00	6.91	8.57	19.04	15.50	7.86	60.88
			Akhyapada ...	4.31	8.85	23.81	24.55	18.74	4.55	84.81
			Chandbali ...	6.22	10.41	17.47	21.19	22.53	4.35	82.17
ORISSA.	Orissa.	Balasore	Bhadrak ...	5.20	8.17	12.89	15.69	17.24?	6.70	65.89
			Soro ...	5.94	10.76	11.75	17.31	20.91	4.79	71.46
			Balasore ...	6.68	9.51	11.11	19.23	20.88	3.89	71.30
			Jellasore ...	6.05	5.82	6.13	24.29	15.91?	2.69	60.89
			Baripada ...	6.19	4.81	8.75	18.94	22.73	3.92	65.35
			Puri ...	4.59	7.23	6.98	23.49	14.29	6.59	63.17
			Khurda ...	3.39	8.01	8.43	18.78	13.64	14.93	67.18
			Bhanpur ...	2.47	13.19	3.51	14.99	9.03	9.40	52.59
		Puri	Gop ...	2.56	3.92	11.97	22.57	11.83	10.59	63.44
			Satpara ...	3.85	10.94	4.97	14.35	11.16	6.90	52.17
			Pipli ...	2.43	8.72	7.72	25.00	11.98	6.74	62.59
			Nayagarh ...	2.00	9.35	10.24	10.43	13.07	12.14	57.23
			Rampur ...	2.94	8.80	8.23	13.19	18.46	8.63	60.25
			Kanas ...	4.12	10.17	10.90	19.39	11.63	13.39	69.60
			Pachamba (Giridih). ...	1.72	8.48	7.18	11.87	11.37	2.05	42.67
		Hazaribagh	Hazaribagh ...	1.60	8.45	5.56	15.72	12.62	3.45	47.40
			Barhi ...	1.22	9.24	9.29	8.81	8.19	2.47	39.22
			Chatra ...	1.29	5.82	9.38	11.65	8.34	1.45	37.93
			Karagdeha ...	0.59	10.81	11.85	11.68	9.25		
			Ramgar ...	1.50	7.35	6.55	12.17	16.05	2.80	46.42
CHOTA NAGPUR.	Chota Nagpur.	Ranchi	Lohardaga ...	1.52	8.05	7.94	14.26	17.16	2.56	51.49
			Ranchi ...	1.91	10.12	8.05	14.91	17.16	0.76	52.91
			Silli ...	2.88	6.54	11.06	11.98	22.34	2.09	56.89
			Palkot ...	1.90	9.24	15.88	19.10	21.11	3.77	71.00
			Bano ...		9.50	16.77	28.12	15.45	2.22	
			Tumar ...	4.00	11.43	9.59	14.09	22.85	1.29	63.25
			Kurdeg ...	0.90	8.37		24.07	12.55		
			Chainpur ...	1.18	5.56	14.09	19.26	14.49	2.73	57.31
		Sirguja	Sirguja ...	0.25	4.70	18.00	21.30	26.60	7.00	77.85
			Jashpur ...	1.42	7.97	16.20	20.23	23.70	8.88	78.40
			Gangpur ...	4.24	15.83	19.10	27.88	18.10	11.98	97.13

METEORO- LOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
CHOTA NAGPUR—concl'd.	Chota Nagpur—concl'd.	Palamau ...	Palamau (<i>Dalton-ganj</i>).	0.61	5.33	6.79	11.81	9.20	1.54	35.28
			Balumath ...	1.50	7.90	9.60	19.39	14.18	3.00	55.57
			Husainabad ...	1.30	2.00	19.75	14.47	19.66	1.10	58.28
			Garhwa ...	0.71	5.72	9.38	9.10	14.20	0.97	40.08
			Mahuadand ...	1.01	7.56	16.00	20.93	12.44	2.12	60.06
			Panki ...	0.49	7.20	9.64	11.62	9.43	1.50	39.88
			Latchar ...	1.78	7.10	12.75	13.94	14.28	2.85	52.70
			Nagaruntari ...	0.42	1.25	9.39	12.20	15.16	1.72	40.14
			Ranka ...	3.40	6.70	8.35	16.76	17.70	1.57	54.48
			Chatterpore ...	0.42	8.92	5.86	9.81	12.69	0.73	42.43
		Manbhum	Purulia ...	3.95	5.27	4.18	11.41	15.97	1.04	41.82
			Gobindpur ...	2.25	9.13	8.93	8.87	14.28	2.31	45.77
			Raghunathpur ...	2.45	5.44	4.64	10.25	17.20	0.77	40.75
			Barabhum ...	1.19	10.40	10.77	13.16	26.54	1.37	63.43
			Jhalda ...	3.41	6.11	8.95	13.59	20.48	1.55	54.09
			Chas ...	1.78	7.32	4.01	13.92	10.98	1.65	39.66
			Pandra ...	2.74	7.66	6.06	11.40	15.07	1.14	44.07
		Singhbhum	Chaibassa ...	4.18	5.02	8.56	16.54	18.12	1.67	54.09
			Chakardharpur ...	2.65	8.70	7.45	17.62	14.99	1.51	52.92
			Ghatsila ...	4.08	8.11	11.17	16.69	22.07	1.00	63.12
			Baharagura ...	7.41	5.43	12.54	15.47	17.65	1.77	60.27
			Gailkura ...	7.61	10.27	15.02	19.34	18.83	2.90	73.97
			Kalikapur ...	4.89	6.96	10.77	9.25	22.39	0.35	54.61
			Monaharpur ...	3.21	8.75	13.10	19.99	13.74	2.09	60.88
			Katbari ...	?	?	?	6.90	17.10		
			Seraikilla ...	?	?	?	12.60	15.00	2.00	
			Kharsuan ...	?	?	?	17.47	18.95	2.78	
		Orissa Tributary Mahals.	Keonjhar ...	1.90	12.61	8.10	19.43	13.19	5.01	60.24
			Anandpur ...	6.25	6.10	13.84	17.40	21.55	5.57	70.71
			Kunjabongarh ...	1.74	8.90	8.95	13.30	10.97	8.56	52.42
			Angul ...	3.96	5.80	5.67	10.86	13.28	4.43	44.00
		Angul ...	Bisipara ...	2.10	13.48	7.21	18.09	9.95	5.12	55.95
			Pal Lahara ...	5.33	7.47	27.90	23.67	20.42	6.09	90.88
			Talchar ...	2.33	10.93	16.73	15.61	7.41	8.21	61.22
			Dhenkanal ...	5.51	6.49	7.60	17.41	22.76	11.42	71.19
			Baisinga ...	3.02	8.76	15.00	18.31	14.50	7.56	67.15
			Baramba ...	1.98	9.72	9.63	16.12	10.42	4.38	52.25
			Narsingpur ...	1.85	3.35	9.97	17.89	5.62	Nil.	38.68
			Chhindipada ...	?	?	?	?	15.92		

TABLE V.

Variation of the subdivisional actual monthly Rainfall from the normal average for the months of May to October 1900.

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	Kalna	+ 2.26	- 1.10	- 2.92	+ 1.12	+11.90	-2.98	+ 8.28
			Burdwan	+ 0.30	- 0.88	- 3.92	- 2.58	+ 9.51	-3.46	- 1.03
			Katwa	+ 0.86	- 0.33	- 0.15	- 0.44	+11.25	-3.01	+ 8.18
			Raniganj	+ 0.99	- 4.80	- 7.18	- 3.52	+ 9.16	-2.52	- 7.87
			Mankur	+ 0.99	- 0.56	-10.18	+ 0.53	+15.10	-1.66	+ 4.22
		Birbhum	Suri	+ 1.91	- 5.28	- 3.55	- 3.01	+ 9.20	-2.32	- 3.05
			Hetampur	+ 0.12	- 5.05	- 3.02	- 3.82	+14.52	-2.35	+ 0.40
			Rampur Hát	- 1.50	- 2.43	- 0.07	- 2.97	+ 7.98	-2.61	- 1.60
			Bolpur	+ 1.55	- 3.51	- 6.18	- 2.79	+10.59	-2.65	- 2.99
		Bankura	Bankura	+ 1.24	- 4.29	- 7.67	- 2.17	+10.60	-3.57	- 5.86
			Vishnupur	- 0.52	- 2.90	- 6.83	- 1.99	+ 9.52	-2.41	- 5.13
			Maliara	+ 0.35	- 6.14	-10.25	- 3.03	+ 7.62	-1.85	-13.30
			Khatra	- 0.97	- 7.56	- 8.42	- 4.77	+15.35	-2.47	- 8.84
			Indas	- 2.10	- 0.79	- 5.02	- 2.88	+11.16	-1.90	- 1.53
			Kotalpur	- 2.14	- 3.73	- 3.94	- 5.24	+ 5.22	-2.17	-12.00
			Onda	+ 2.42	- 3.09	- 7.50	- 3.79	+10.11	-2.08	- 3.93
			Gangajalghati	- 1.69	- 6.50	- 7.77	- 1.53	+ 2.73	-1.81	-16.57
			Raipur	+ 0.41	- 7.48	- 6.51	- 7.41	+14.78	-4.09	-10.30
			Sonamukhi	- 0.78	- 1.91	- 5.97	- 1.77	+10.16	-0.86	- 1.13
		Midnapore	Contai	+ 2.54	+ 1.83	- 3.62	+ 4.85	+15.30	-4.30	+16.60
			Tamluk	+ 4.71	- 0.93	- 8.39	- 2.28	+17.35	-2.13	+ 8.33
			Midnapore	+ 0.61	- 3.10	+ 3.99	+ 2.41	+14.62	-2.56	+15.97
			Ghatal	+ 1.18	- 3.24	- 6.33	- 2.61	+ 8.85	-2.68	- 4.83
			Kukrahaty	+ 1.78	- 3.49	- 4.48	- 0.12	+27.46	-1.01	+20.14
			Garhbeta	- 2.46	- 4.72	+ 0.66	- 0.97	+ 6.25	-2.36	- 3.60
		Hooghly	Serampore	- 1.30	+ 0.07	- 2.19	+ 7.81	+38.40	-2.91	+39.88
			Hooghly	- 1.00	+ 0.30	- 6.70	+ 4.93	+24.64	-3.52	+18.65
			Arambagh (Jahanabad).	+ 0.70	- 3.59	- 6.80	- 8.19	+ 6.39	-3.80	-15.29
		Howrah	Howrah	- 1.56	- 1.18	- 5.05	+ 4.45	+34.08	-3.32	+27.42
			Mohesreka	- 1.02	+ 0.59	- 8.95	+ 1.17	+19.82	+2.05	+13.66
		24-Parganas	Saugor Island	+ 0.15	+ 4.70	+ 1.05	+ 0.52	+18.64	-2.79	+22.27
			Diamond Harbour	+ 1.30	+ 1.59	+ 1.66	- 3.19	+34.05	-0.76	+34.65
			Canning Town	+ 0.93	- 1.78	+ 5.11	- 3.95	+18.92	-2.98	+16.25
			Alipore (Observatory).	- 1.26	- 0.59	- 3.78	+ 3.33	+36.22	-3.57	+30.35
			Barrackpore	- 0.82	- 0.70	- 1.86	+ 6.35	+32.82	-1.69	+34.10
			Dum-Dum	+ 1.07	+ 0.76	- 2.04	+ 3.65	+32.78	-2.83	+33.39
			Barasat	- 1.99	- 2.86	- 4.61	+20.71	+37.00	+0.57	+48.88
			Basirhat	- 2.87	+ 1.62	- 1.48	+ 3.89	+28.61	-3.32	+26.45
	Presidency.	Nadia	Ranaghat	+ 2.53	- 2.93	- 4.31	- 1.95	+19.54	-3.75	+ 9.13
			Krishnagar	- 1.09	- 4.37	- 1.95	- 0.84	+22.01	-3.52	+10.24
			Chuadanga	- 3.31	+ 1.39	- 4.01	- 3.01	+ 7.65	-3.68	- 4.97
			Meherpur	+ 1.36	+ 1.44	- 1.00	- 7.36	+10.27	-1.55	+ 3.16
			Kushtia	- 1.12	- 0.02	- 1.79	- 3.93	+10.08	-3.12	+ 0.10
			Kandi	- 1.92	- 1.54	+ 1.25	- 0.78	+11.55	-1.83	+ 6.73
			Berhampore	- 3.49	- 2.54	+ 6.10	- 2.15	+11.83	-3.79	+ 6.41
		Murshidabad	Lalbag	- 4.08	- 3.31	+ 4.34	+ 0.86	+ 7.28	-3.79	+ 1.30
			Azimganj	- 3.25	+ 1.14	+ 2.55	- 1.16	+ 4.50	-3.24	+ 0.54
			Jangipur	- 1.18	+ 0.34	+ 3.35	- 5.47	+ 2.45	-2.03	- 2.59
			Lalgola	- 3.98	- 1.03	- 1.09	- 4.51	+ 8.55	-1.21	- 3.27
			Akhriganj	- 4.91	+ 0.64	- 0.55	- 4.13	+ 3.81	-2.36	- 7.50
			Patkabari	- 4.39	- 2.39	- 4.30	- 2.68	+10.90	-3.09	- 5.95
			Dumkal	- 2.98	+ 3.67	+ 3.04	- 4.66	+ 4.52	-3.37	+ 0.22

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
SOUTH-WEST BENGAL. —concl.—	Presidency— concl.	Jessore	Narail	+ 0.60	— 1.62	+ 0.94	+ 3.96	+ 17.44	— 0.73	+ 20.67
			Jessore	— 0.44	+ 3.10	— 1.04	— 1.75	+ 13.97	+ 1.41	+ 15.25
			Jhenidah	— 2.16	+ 4.88	+ 3.59	— 5.34	+ 12.28	— 2.11	+ 11.14
			Magura	— 0.98	— 3.55	+ 3.77	— 0.27	+ 11.95	— 2.82	+ 8.10
			Bangaon	— 0.96	— 0.01	— 1.19	— 2.78	+ 29.46	— 1.13	+ 23.39
		Khulna	Satkhira	+ 1.31	+ 0.53	— 0.32	— 1.31	+ 28.99	— 0.59	+ 28.61
			Bagerhat	+ 2.00	+ 0.57	+ 4.94	— 2.23	+ 26.75	— 3.12	+ 28.91
			Khulna	+ 0.73	+ 0.56	+ 2.01	— 1.21	+ 11.40	— 3.11	+ 10.38
		Rajshahi	Boalia	— 2.67	— 0.37	+ 1.76	— 1.03	+ 4.12	— 1.51	+ 0.30
			Nator	— 3.42	+ 1.11	+ 3.61	— 3.46	+ 1.04	— 3.84	— 4.96
			Naugaon	— 4.48	+ 3.96	+ 2.75	— 2.37	— 3.92	— 2.82	— 6.88
			Lalpur	— 3.45	+ 2.26	— 0.39	+ 1.72	+ 6.11	— 2.07	+ 4.18
			Manda	— 1.90	+ 3.37	— 4.90	— 5.73	— 3.69	— 1.29	— 14.14
			Mahadebpur	— 3.70	+ 1.23	+ 4.00	— 6.62	— 3.71	— 2.93	— 11.73
		Dinaipur	Churaman	+ 1.94	+ 2.33	+ 1.45	— 3.40	+ 4.37	— 2.53	+ 4.16
			Raiganj	+ 0.62	+ 10.94	+ 11.96	— 6.28	+ 0.22	— 1.27	+ 16.19
			Dinaipur	+ 0.78	+ 8.73	+ 6.38	+ 1.98	+ 3.79	— 3.99	+ 17.67
			Balughat	— 2.66	+ 2.43	— 1.24	— 3.63	— 5.40	— 2.36	— 12.86
		Jalpaiguri	Jalpaiguri	+ 5.59	— 4.24	+ 4.37	— 13.47	— 6.01	— 5.02	— 18.78
			Alipur Duar	— 3.14	— 7.97	+ 3.03	— 14.31	— 10.72	— 3.72	— 36.83
			Fallacotta	— 3.93	— 10.08	— 3.76	— 16.42	— 10.74	— 3.04	— 47.97
			Debiganj	— 3.41	— 6.88	— 4.82	— 10.83	— 4.15	— 1.71	— 31.80
NORTH BENGAL.	Rajshahi.	Darjeeling	Buxa	— 9.38	— 19.41	+ 7.29	— 14.66	— 23.15	— 7.28	— 66.59
			Siliguri	— 0.45	— 6.85	+ 1.55	— 12.20	+ 2.32	— 3.87	— 19.50
			Darjeeling	— 3.57	+ 6.41	+ 0.34	— 7.43	— 2.22	— 5.49	— 11.96
			Kalimpong	— 2.87	+ 2.37	— 2.92	— 1.80	— 3.76	— 2.92	— 11.90
		Cooch Behar	Dinhatta	+ 1.86	— 6.73	+ 7.67	— 13.94	— 7.42	— 2.86	21.42
			Cooch Behar	+ 0.04	— 13.94	+ 1.32	— 16.62	— 6.17	— 4.05	— 39.42
			Miekliganj	— 2.66	— 3.79	+ 6.33	— 18.14	— 10.20	— 0.87	— 29.33
			Mathabhanga	— 6.05	— 9.49	— 3.62	— 21.13	— 6.66	— 4.76	— 51.71
		Rangpur	Bhawaniganj (Gai- banda).	— 0.95	+ 4.26	+ 5.31	— 6.57	— 7.23	— 3.16	— 8.34
			Rangpur	— 1.63	+ 6.38	+ 6.28	— 7.29	— 5.27	— 3.46	— 4.99
			Kurigaon	+ 1.95	— 3.05	+ 12.15	— 7.84	— 6.30	— 1.27	— 4.36
			Bagdogra (Nil- phamari).	— 2.76	— 0.82	+ 2.25	— 7.04	— 1.79	— 1.89	— 12.05
			Ulipur	— 2.16	+ 8.67	+ 13.51	— 5.96	— 0.95	— 3.66	+ 9.45
		Bogra	Sherpur	— 4.67	+ 8.00	+ 7.77	— 4.93	— 4.42	— 3.92	— 2.17
			Nowkhilla	— 0.79	+ 11.82	+ 13.21	— 6.89	— 0.77	— 4.09	+ 12.49
			Bogra	— 5.59	+ 7.15	+ 5.86	— 3.58	— 6.13	— 0.98	— 3.27
			Panchbibi	— 4.08	+ 3.30	+ 1.05	— 6.23	— 4.63	— 0.76	— 11.35
		Pabna	Pabna	— 3.24	+ 3.89	+ 2.46	— 5.27	+ 5.74	— 3.60	— 0.02
			Sirajganj	— 4.97	+ 4.99	+ 2.32	— 6.64	— 1.31	— 2.79	— 8.40
EAST BENGAL.	Dacca.	Dacca	Munshiganj	— 4.52	— 3.22	— 1.75	— 0.14	— 4.40	— 5.20	— 19.23
			Dacca	— 5.63	— 3.39	+ 3.14	— 4.33	— 2.84	— 3.01	— 16.06
			Narayanganj	— 5.48	— 3.81	— 2.74	— 2.25	— 3.12	— 3.90	— 21.30
			Manikganj	— 4.29	+ 6.39	+ 2.36	— 2.10	— 0.62	— 3.01	— 1.27
			Jaydebpur	— 1.45	— 0.33	— 2.17	— 6.91	— 3.54	— 1.39	— 15.79
		Mymensingh	Kishorganj	— 5.76	+ 0.35	+ 13.93	— 6.86	— 1.54	— 2.41	— 2.29
			Atia (Tangail)	— 4.03	— 0.25	— 0.86	— 5.77	— 3.30	— 2.36	— 16.57
			Mymensingh	— 3.54	+ 2.63	+ 24.30	— 6.27	— 2.68	— 3.80	+ 10.64
			Jamalpur	— 4.71	+ 9.90	+ 9.79	— 10.58	— 8.00	— 4.16	— 7.76
			Netrakona	— 6.34	+ 10.46	+ 6.61	— 1.81	+ 1.40	— 3.78	+ 6.54
			Subarnakhali	— 3.28	+ 2.62	+ 2.74	— 7.00	— 3.83	— 2.00	— 10.75
			Durgapur	+ 2.85	+ 8.65	— 15.74	— 14.14	— 4.54	— 5.22	— 28.14
			Diwanganj	— 1.46	+ 1.63	+ 15.45	— 0.89	— 8.13	— 2.36	+ 4.24

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.	
1	2	3	4	5	6	7	8	9	10	11	
EAST BENGAL—concl.	Dacca—concl.	Faridpur ...	Madaripur ...	—4.12	— 6.28	— 3.88	— 2.32	+ 7.24	—3.59	—12.95	
			Faridpur ...	—0.37	— 1.46	+ 2.27	— 0.73	+ 4.63	+ 0.24	+ 4.58	
			Goalundo ...	—2.22	— 4.74	+ 1.18	— 1.32	+ 3.46	—0.86	— 4.50	
		Backergunge	Patuakhali ...	— 5.31	— 5.13	— 7.57	— 1.41	+ 16.93	—4.65	— 7.14	
			Pirojpur ...	+ 0.12	— 2.20	+ 1.78	— 1.61	+ 15.81	—4.39	+ 9.51	
			Barisal ...	—4.61	+ 2.45	+ 4.12	+ 1.58	+ 14.65	—2.34	+ 15.85	
			Gournadi ...	—2.00	— 1.00	+ 4.91	+ 3.04	+ 9.78	—3.85	+ 10.88	
			Bhola ...	—2.99	+ 4.01	+ 3.74	— 2.83	+ 7.80	—1.19	+ 8.54	
			Bauphal ...	—2.95	+ 9.11	+ 4.22	+ 0.45	+ 21.29	—4.77	+ 27.35	
		Hill Tippera	Agartala ...	—5.66	+ 3.79	+ 7.74	?	— 4.60	—3.98	— 2.71?	
	Chittagong.	Tippera ...	Comilla ...	—5.65	+ 2.91	+ 7.41	— 6.90	— 5.47	—2.11	— 9.81	
			Chandpur ...	—5.38	— 4.66	— 2.75	— 3.74	+ 0.75	—5.15	—20.93	
			Brahmanbaria ...	—5.92	+ 2.79	+ 16.13	— 7.76	— 6.08	—2.09	— 2.93	
			Ramchandrapur ...	—5.28	+ 1.87	+ 1.66	— 5.76	— 5.93	—4.53	—17.97	
			Nasirnagar ...	—6.49	+ 3.59	+ 18.13	— 1.84	— 4.31	—4.55	+ 4.53	
			Daudkandi ...	—5.05	— 6.15	— 1.31	— 3.43	— 0.31	—3.21	—19.46	
			Kasba ...	+ 0.16	+ 9.97	+ 13.19	— 2.86	— 3.54			
			Laksam ...	—3.20	+ 10.22	+ 2.28	— 7.99	— 5.20	—2.00	— 5.89	
		Noakhali ...	Noakhali ...	—1.26	+ 10.38	+ 3.35	— 3.24	— 4.25	—2.87	+ 2.11	
			Fenny ...	—4.41	+ 3.94	+ 2.95	— 6.57	— 5.54	—4.30	—13.93	
			Harishpur ...	—6.92	+ 12.82	— 3.43	— 9.56	— 7.13	—5.25	—19.47	
			Ramganj ...	—4.96	+ 12.86	+ 1.05	— 1.07	+ 0.98	—2.91	+ 5.95	
		Chittagong	Cox's Bazar ...	—4.47	+ 2.26	— 5.27	— 5.88	+ 0.04	—7.25	—20.57	
			Chittagong ...	—3.86	+ 7.67	— 3.70	— 8.75	— 9.20	—4.78	—22.62	
			Kutubdia ...	—1.93	+ 3.99	—15.15	—15.86	— 3.66	—4.89	—37.50	
			Satkanya ...	—3.58	+ 4.72	—12.28	— 4.05	— 4.57	—3.75	—23.51	
			Kodala ...	—7.13	+ 7.86	— 4.33	— 7.14	— 5.78	+ 0.08	—16.44	
		South Lushai Hills.	Rangamatia ...	—1.27	— 1.92	— 7.10	— 6.49	— 3.97	—4.45	—25.20	
	BIHAR.	Patna.	Patna ...	Patna ...	+ 0.01	+ 0.56	+ 2.94	— 0.48	+ 1.10	—2.25	+ 1.88
				Dinapore ...	—1.19	— 0.86	— 1.96	— 1.36	+ 0.42	—2.63	— 7.58
				Bihar ...	—0.19	+ 1.82	— 6.22	— 3.75	— 1.41	—1.05	—10.80
				Barh ...	—1.31	+ 8.25	— 6.29	— 5.12	+ 0.08	—0.80	— 5.19
				Bikram ...	+ 0.55	+ 2.37	— 4.50	— 4.99	+ 0.17	—2.18	— 8.58
				Hilsa ...	—0.53	+ 4.31	— 4.09	— 7.14	+ 4.51	—1.57	— 4.51
			Gaya ...	Aurangabad ...	—1.11	+ 2.01	— 5.79	— 2.38	+ 0.44	+ 1.73	— 5.10
				Gaya ...	+ 0.28	+ 0.98	— 8.19	— 4.46	+ 2.04	—0.49	— 9.84
				Nawadah ...	—0.83	+ 1.53	— 4.53	— 3.45	+ 5.68	+ 0.13	— 1.47
				Jahanabad ...	—0.76	+ 3.61	— 7.43	— 5.96	+ 3.61	—0.97	— 7.90
				Arwal ...	—1.52	+ 1.64	— 5.91	— 6.15	+ 5.89	—0.76	— 6.81
				Daudnagar ...	—0.81	+ 0.95	— 1.31	— 4.90	+ 0.46	+ 1.47	— 4.14
				Sherghati ...	—0.35	+ 1.66	— 3.49	— 3.02	+ 1.65	—0.69	— 4.24
				Rajauli ...	?	?	?	?	— 0.71	—0.79	— 1.50?
				Pakri Barawan...	—0.93	+ 4.85	— 5.82	— 7.88	+ 2.07	+ 1.67	— 6.04
			Shahabad ...	Buxar ...	—0.51	— 1.14	— 1.26	— 5.78	+ 1.69	—1.58	— 8.58
				Dehri ...	+ 0.56	— 1.64	— 5.88	— 3.22	+ 2.41	+ 0.79	— 6.98
				Bhabhua ...	—0.35	— 1.29	— 6.27	— 1.84	+ 4.92	+ 4.98	+ 0.15
				Sasaram ...	+ 0.12	+ 0.14	— 2.27	— 2.97	+ 3.03	—0.19	— 2.14
				Arrah ...	—0.32	— 2.64	+ 4.73	— 2.08	+ 0.80	—1.60	— 1.11
				Mohanea ...	+ 0.29	— 2.35	— 4.43	— 4.56	+ 8.94	+ 7.88	+ 5.77
Saran ...			Gopalganj ...	+ 0.25	— 3.44	— 0.49	— 5.06	+ 2.41	—1.78	— 8.11	
			Siwan ...	—0.83	— 2.09	— 2.25	— 7.02	— 1.60	—2.33	—16.12	
			Chapra ...	—0.71	+ 2.09	— 2.78	— 3.82	+ 2.56	—2.13	— 4.79	
Champaran			Motihari ...	—1.72	+ 0.13	— 1.79	— 5.45	+ 4.37	—1.07	— 5.53	
			Bettiah ...	+ 2.54	— 2.86	— 2.85	— 2.07	+ 5.10	+ 1.01	+ 0.87	
			Bagaha ...	—1.50	— 5.61	— 6.92	—10.90	— 0.28	—0.36	—25.57	
			Burhurwa ...	—1.11	— 4.12	+ 1.64	— 4.53	+ 5.15	+ 1.33	— 1.64	

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL
1	2	3	4	5	6	7	8	9	10	11
BIHAR—concl'd.	Patna—concl'd.	Muzaffarpur	Sitamarhi ...	+1.14	+4.66	+5.69	—4.37	+0.18	+0.92	+7.62
			Muzaffarpur ...	—0.83	+2.01	+1.44	—6.72	—0.70	—1.12	—5.92
			Hajipur ...	—1.44	+0.18	—3.25	—4.81	+2.97	—2.68	—9.03
			Paru ...	—1.69	—0.04	+1.69	—10.28	+1.21	—0.87	—9.98
			Mahuwa ...	—1.70	+2.24	—3.33	—7.15			
			Shiuhar ...	—0.79	+4.03	—2.09	—6.15	+0.81	—0.88	—5.07
			Pupri ...	—2.44	—0.31	—2.33	—7.63	+4.67	+1.05	—6.99
		Darbhanga	Tajpur ...	—1.00	+0.63	—0.64	—3.68	+5.22	—2.16	—1.63
			Darbhanga ...	—2.12	+4.65	—0.23	—8.58	+3.18	—1.94	—5.04
			Madhubani ...	—0.88	+2.56	+0.31	—7.39	+5.03	—0.41	—0.78
			Bahera ...	—1.71	+4.47	—1.86	—11.69	—3.33	—0.49	—14.61
			Rosera ...	—1.69	+3.84	+3.56	—5.76	—2.23	+0.77	—1.51
		Monghyr	Begusarai ...	—1.21	+4.07	+6.61	+1.76	—4.03	—0.45	+6.75
			Monghyr ...	—0.91	+4.95	—0.43	—3.66	—1.45	+0.41	—1.09
			Jamui ...	—0.80	+3.64	+1.47	—4.25	+1.16	—0.59	+1.13
			Gogri ...	—1.77	+9.42	—0.26	—1.84	+0.99	+0.82	+7.36
	Bhagalpur.	Bhagalpur	Shaikhpura ...	—1.69	+2.62	—5.44	—10.44?	—4.83?	+1.58	—18.20?
			Madhipura ...	—0.14	+6.81	+1.39	—5.07	+5.29	—1.02	+7.26
			Supaul ...	—0.44	+5.16	+10.15	—5.93	+1.68	—1.39	+9.23
			Pratapganj ...	+0.86	+6.88	—3.21	—9.76	—2.35	+0.22	—7.36
		Purnea	Bhagalpur ...	+0.08	+11.22	+4.20	+2.29	+2.51	+2.48	+22.78
			Banka ...	—0.49	+5.52	+3.61	+3.37	+2.23	+1.21	+15.45
			Colgong ...	—0.66	+15.09	+2.03	—3.82	+0.90	+0.62	+14.16
			Kishanganj ...	+2.22	+1.10	+10.24	—10.56	+12.85	+0.74	+16.59
		Malda	Araria ...	+3.72	+0.89	+2.25	—10.68	+6.14	—0.41	+1.91
			Purnea ...	—1.44	+12.54	+5.94	—8.22	+8.18	—2.24	+14.76
			Gondwara (Korah) ...	—2.62	+15.40	+13.12	—2.92	+11.11	+0.58	+34.67
			Kaliaganj ...	+1.57	—5.67	+6.87	—11.16	3.66	—0.44	—12.49
ORISSA.	Orissa.	Sonthal Par-ganas.	Malda ...	—1.62	+2.36	—0.51	—2.07	+2.12	—3.51	—3.23
			Chanchal ...	+0.08	+4.23	+3.37	—6.30	+6.68	—0.70	+7.36
			Gajol ...	+0.49	+13.60	+3.25	—4.13	+3.99	+1.44	+18.64
			Sibganj ...	—3.07	+1.31	—1.25	—2.59	—1.04	—2.36	—9.00
		Cuttack	Rajmahal ...	—3.34	+3.55	—3.68	—5.35	—0.61	+0.49	—8.94
			Godda ...	+0.65	+7.34	—2.29	—0.63	+1.88	+0.68	+7.63
			Pakaur ...	—0.67	—0.13	+1.24	—5.91	+0.62	—2.95	—7.80
			Naya Dumka ...	+1.77	—1.76	+1.55	—2.90	+5.21	—2.60	+1.27
		Balasore	Deoghur ...	+1.71	—1.52	+2.15	—5.90	+6.22	—0.30	+2.36
			Jamtara ...	—1.37	—3.55	—7.28	—0.31	+6.72	—3.50	—9.29
			Nanihat ...	—0.13	+2.81	+8.66	—0.28	+8.61	—1.96	+17.71
			Jagatsingpur ...	—0.56	+1.86	—3.23	+15.28	+2.64	+1.57	+17.56
	Puri	Cuttack	Banki ...	+0.25	—2.22	—3.41	+3.80	+14.29	+5.96	+18.67
			Cuttack ...	—1.61	—7.45	—4.81	+8.80	+11.31	+2.40	+8.64
			False Point ...	—2.49	—3.57	+3.38	+9.04	+6.70	—1.77	+11.29
			Kendrapara ...	—1.87	—3.33	—1.79	+8.22	+8.48	—0.30	+9.41
		Balasore	Jajpur ...	—3.66	—3.60	+6.11	+8.84	+8.56	+1.39	+17.67
			Dharmasala ...	—1.30	—3.27	+12.68	+12.56	+13.00	—0.08	+33.59
			Salipore ...	—1.58	—3.92	—1.42	+5.35	+5.78	+3.18	+7.39
			Akhyapada ...	—0.40	—0.30	+13.76	+11.65	+8.60	+0.56	+33.87
		Puri	Chandbali ...	+0.86	+2.69	+5.69	+9.72	+11.17	—1.41	+28.72
			Bhadrak ...	—0.48	—1.21	+0.97	+4.69	+6.80?	+1.78	+12.55?
			Soro ...	+0.29	+2.74	+0.53	+6.87	+10.03	—0.33	+20.13
			Balasore ...	+1.32	+0.44	—1.93	+7.24	+7.93	—2.85	+12.15
	Puri	Puri	Jellasore ...	+1.87	—2.81	—7.47	+13.58	+4.75?	—1.78	+8.14?
			Baripada ...	+1.26	—6.01	—4.27	+6.98	+11.09	—0.68	+8.37
			Puri ...	+1.57	—0.83	—2.82	+13.11	+3.93	—2.31	+12.65
			Khurda ...	—0.04	—1.83	—4.40	+6.24	+2.72	+8.34	+11.03
			Bhanpur ...	+0.13	+5.26	—7.10	+3.15	—1.13	+2.85	+3.16
			Gop ...	—1.84	—3.89	+1.44	+10.51	+0.18	+3.67	+10.07
			Pipli ...	—1.13	+0.55	—3.20	+11.42	+1.39	+1.17	+10.17

METEORO- LOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
CHOTA NAGPUR.	Chota Nagpur.	Hazaribagh	Pachamba (<i>Giridih</i>).	-0.87	-0.32	-5.52	-0.54	+ 2.95	-1.20	- 5.50
			Hazaribagh ...	-0.66	+ 0.82	-8.60	+2.61	+ 3.86	+0.04	- 1.93
			Barhi ...	-0.82	+ 3.31	-3.92	-4.54	+ 0.40	-0.69	- 6.26
			Chatra ...	-2.28	- 0.68	-6.82	-0.85	+ 0.22	-1.46	-11.87
			Karagdeha ...	-2.04	- 2.16	-3.42	-2.53	- 0.21		
			Ramgar ...	-1.64	- 0.62	-8.06	-2.97	+ 7.54	-2.03	- 7.78
		Ranchi	Lohardaga ...	-0.51	- 0.08	- 4.95	+ 1.17	+ 7.71	-0.02	+ 3.32
			Ranchi ...	-0.98	+ 1.64	- 6.25	+ 1.07	+ 7.54	-2.19	+ 0.83
			Silli ...	-0.62	- 1.19	- 2.65	- 2.10	+15.12	+0.35	+ 8.91
			Sirguja ...	-0.57	- 4.87	+ 0.39	- 0.69	+19.20	+5.25	+18.71
			Jashpur ...	-0.33	- 3.91	- 0.04	+ 4.22	+13.31	+4.65	+17.90
			Gangpur ...	+3.21	+ 6.17	+ 2.36	+12.26	+ 9.52	+9.54	+43.06
		Palamau	Palamau (<i>Daltan-ganj</i>).	-0.54	- 0.70	- 6.13	-0.55	+ 1.41	-0.96	- 7.47
			Balumath ...	+0.32	+ 0.02	- 5.59	+4.52	+ 4.75	-0.07	+ 3.95
			Husainabad ...	+0.18	- 4.14	+ 4.14	+1.34	+12.46	-1.39	+12.59
			Garhwa ...	-0.72	0	- 3.48	-6.74	+ 7.34	-2.08	- 5.68
		Manbhum	Purulia ...	+0.46	- 4.26	- 8.92	- 1.74	+ 7.93	-1.79	- 8.32
			Gobindpur ...	-0.46	- 0.31	- 5.75	- 3.09	+ 6.86	-0.95	- 3.70
			Raghunathpur ...	-1.32	- 2.47	- 9.75	- 3.65	+ 9.46	-1.17	- 8.90
			Barabhum ...	-1.83	+ 1.08	- 1.85	+ 1.76	+19.65	-0.78	+18.03
			Jhalda ...	+0.70	- 3.13	- 3.30	- 2.07	+12.83	-1.20	+ 3.83
			Chas ...	-1.31	- 0.79	- 9.17	+ 0.49	+ 2.01	-1.16	- 9.93
		Singhbhum	Chaibassa ...	+0.32	- 3.51	- 4.92	+3.50	+10.07	-1.05	+ 4.41
			Chakradharpur...	-0.50	+ 0.76	- 6.82	+6.35	+ 9.48	-1.32	+ 7.95
			Ghatsila ...	-0.05	- 1.60	- 2.74	+2.23	+13.46	-2.41	+ 8.80
			Baharagura ...	+3.00	- 5.10	+ 0.74	+4.59	+ 8.38	-1.15	+10.46
ORISSA.	Orissa.	Orissa Tributary Mahals.	Keonjhar ...	-0.23	+ 7.26	- 1.57	+13.54	+ 6.83	+2.61	+28.44
			Kunjabangarh ...	-1.63	- 0.13	- 2.80	+ 3.64	+ 0.18	+3.06	+ 2.32
			Angul ...	+1.39	- 4.61	- 5.54	+ 0.70	+ 4.16	-0.13	- 4.03
			Bishpara ...	+0.23	+ 3.21	- 7.04	+ 7.75	- 1.03	+0.17	+ 3.29
		Angul	Talchar ...	-0.11	+ 1.66	+ 2.72	+ 5.18	- 1.47	+5.47	+13.45
			Dhenkanal ...	+2.58	- 4.15	- 6.39	+ 5.24	+12.30	+7.29	+16.87
			Narsingpur ...	-0.07	- 6.48	+ 0.39	+ 9.06	- 2.79	-4.17	- 4.06

TABLE VI.

Percentage variation of the monthly Rainfall of the subdivisional Rainfall-registering stations in Bengal from the normal average Rainfall for the months of May to October 1900.

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	Kalna ...	+ 43	- 12	- 26	+ 10	+179	- 85	+18
			Burdwan ...	+ 5	- 10	- 33	- 23	+118	-101	- 2
			Katwa ...	+ 16	- 3	- 1	- 4	+142	- 80	+17
			Raniganj ...	+ 27	- 52	- 54	- 27	+125	- 76	-16
			Mankur ...	+ 19	- 6	- 75	+ 5	+171	- 73	+ 8
		Birbhum	Suri ...	+ 51	- 47	- 27	- 23	+ 92	- 66	- 6
			Hetampur ...	+ 3	- 46	- 23	- 31	+150	- 77	+ 1
			Rampur Hât ...	- 38	- 24	- 1	- 24	+ 74	- 70	- 3
			Bolpur ...	+ 30	- 33	- 48	- 26	+116	- 88	- 6
		Bankura	Bankura ...	+ 28	- 43	- 60	- 17	+132	- 93	-11
			Vishnupur ...	- 9	- 27	- 56	- 15	+106	- 76	-10
			Maliara ...	+ 9	- 58	- 78	- 25	+114	- 60	-27
			Khatra ...	- 22	- 65	- 60	- 38	+175	- 66	-16
			Indas ...	- 32	- 8	- 40	- 29	+132	- 73	- 3
			Kotalpur ...	- 46	- 35	- 28	- 42	+ 80	- 65	-23
			Onda ...	+ 71	- 36	- 69	- 31	+112	- 78	- 8
			Gangajalghati ...	- 40	- 56	- 59	- 12	+ 32	- 82	-31
			Raipur ...	+ 7	- 68	- 50	- 48	+168	- 92	-18
			Sonamukhi ...	- 15	- 19	- 53	- 17	+131	- 35	- 2
		Midnapore	Contai ...	+ 52	+ 19	- 26	+ 37	+ 14	- 55	+28
			Tamluk ...	+ 91	- 10	- 8	- 17	+ 25	- 49	+16
			Midnapore ...	+ 12	- 33	+ 34	+ 20	+191	- 60	+32
			Ghatal ...	+ 20	- 33	- 50	- 19	+ 96	- 83	- 9
			Kukrahaty ...	+ 32	- 36	- 39	- 1	+304	- 24	+38
		Hooghly	Garhbata ...	- 48	- 45	+ 5	- 7	+ 71	- 89	- 7
			Serampore ...	- 26	+ 1	- 18	+ 66	+476	- 65	+77
			Hooghly ...	- 18	+ 3	- 59	+ 44	+336	- 88	+38
		Howrah	Arambagh (Jahanabad). ...	+ 13	- 36	- 55	- 57	+ 73	- 98	-28
			Howrah ...	- 31	- 11	- 43	+ 38	+422	- 79	+53
			Mohesreka ...	- 17	+ 6	- 74	+ 9	+246	+ 63	+26
		24-Parganas	Saugor Island ...	+ 3	+ 48	+ 7	+ 3	+166	- 31	+34
			Diamond Harbour ...	+ 24	+ 16	+ 12	- 23	+333	- 15	+58
			Canning Town... ..	+ 16	- 15	+ 45	- 25	+216	- 60	+28
			Alipore (Observatory). ...	- 23	- 5	- 30	+ 26	+388	- 81	+55
			Barrackpore ...	- 16	- 7	- 16	+ 55	+424	- 43	+68
			Dum-Dum ...	+ 19	+ 7	- 18	+ 30	+365	- 62	+62
			Barasat ...	- 35	- 29	- 43	+182	+437	+ 13	+97
			Basirhat ...	- 48	+ 14	- 12	+ 32	+345	- 69	+48
	Presidency.	Nadia	Ranaghat ...	+ 46	- 30	- 40	- 17	+274	- 99	+19
			Krishnagar ...	- 19	- 47	- 18	- 8	+301	- 83	+21
			Chuadanga ...	- 44	+ 16	- 39	- 26	+ 86	- 88	-10
			Meherpur ...	+ 23	+ 15	- 10	- 62	+131	- 39	+ 6
			Kushtia ...	- 15	0	- 17	- 36	+107	- 71	0
		Murshidabad	Kandi ...	- 44	- 16	+ 10	- 7	+127	- 50	+14
			Berhampore ...	- 65	- 27	+ 57	- 18	+117	- 87	+13
			Lalbag ...	- 74	- 37	+ 37	+ 8	+ 74	- 90	+ 3
			Azimganj ...	- 62	+ 12	+ 23	- 11	+ 49	- 76	+ 1
			Jangipur ...	- 24	+ 4	+ 31	- 50	+ 24	- 64	- 5
			Lalgola ...	- 70	- 11	- 9	- 42	+ 83	- 30	- 6
			Akhriganj ...	- 78	+ 6	- 5	- 49	+ 43	- 72	-15
			Patkabari ...	- 85	- 25	- 46	- 43	+195	-100	-15
			Dumkal ...	- 52	+ 36	+ 29	- 44	+ 55	- 96	0

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
SOUTH-WEST BENGAL— <i>contd.</i>	Presidency— <i>contd.</i>	Jessore	Narail ...	+ 10	— 15	+ 10	+ 40	+ 265	—18	+ 44
			Jessore ...	— 6	+ 25	— 9	— 15	+ 173	+ 31	+ 28
			Jhenidah ...	— 32	+ 41	+ 35	— 47	+ 143	—47	+ 21
			Magura ...	— 12	— 30	+ 36	— 3	+ 162	—74	+ 16
			Bangaon ...	— 16	0	— 11	— 24	+ 366	—23	+ 46
		Khulna	Satkhirā ...	+ 21	+ 5	— 3	— 11	+ 354	—12	+ 52
			Bagerhat ...	+ 29	+ 4	+ 34	— 18	+ 294	—58	+ 47
			Khulna ...	+ 11	+ 5	+ 17	— 11	+ 123	—68	+ 19
		Rajshahi	Boalia ...	— 51	— 4	+ 15	— 9	+ 40	—37	+ 1
			Nator ...	— 46	+ 10	+ 28	— 30	+ 9	—34	— 9
			Naugaon ...	— 71	+ 34	+ 22	— 27	— 35	—90	—13
			Lalpur ...	— 51	+ 30	— 4	+ 18	+ 68	—79	+ 9
			Manda ...	— 36	+ 38	— 41	— 59	— 39	—39	—29
			Mahadebpur ...	— 60	+ 11	+ 33	— 56	— 33	—83	—21
NORTH BENGAL.	Rajshahi.	Dinajpur	Churaman ...	+ 42	+ 20	+ 10	— 31	+ 35	—80	+ 7
			Raiganj ...	+ 11	+ 82	+ 77	— 48	+ 2	—35	+ 26
			Dinajpur ...	+ 10	+ 56	+ 44	+ 16	+ 33	—88	+ 27
			Balughat ...	— 46	+ 22	— 10	— 38	— 52	—65	—24
		Jalpaiguri	Jalpaiguri ...	+ 47	— 16	+ 15	— 52	— 27	—94	—16
			Alipur Duar ...	— 21	— 26	+ 9	— 55	— 51	—89	—29
			Fallacotta ...	— 31	— 42	— 13	— 64	— 58	—71	—42
			Debiganj ...	— 35	— 32	— 21	— 64	— 29	—44	—36
		Darjeeling	Buxa ...	— 46	— 46	+ 14	— 34	— 75	—68	—33
			Siliguri ...	— 4	— 27	+ 5	— 48	+ 13	—77	—17
			Darjeeling ...	— 42	+ 27	+ 1	— 29	— 13	—94	—11
			Kalimpong ...	— 44	+ 13	— 11	— 10	— 31	—94	—14
		Cooch Behar	Dinhatta ...	+ 13	— 24	+ 41	— 79	— 39	—50	—21
			Cooch Behar ...	0	— 41	+ 5	— 75	— 30	—78	—32
			Mickliganj ...	— 20	— 14	+ 26	— 72	— 54	—18	—26
			Mathabhanga ...	— 44	— 33	— 13	— 87	— 34	—75	—43
		Rangpur	Bhawaniganj (Gaibanda) ...	— 10	+ 27	+ 41	— 62	— 58	—63	—13
			Rangpur ...	— 17	+ 34	+ 39	— 59	— 38	—64	— 7
			Kurigaon ...	+ 16	— 13	+ 77	— 70	— 48	—29	— 5
			Bagdoga (Nilphamari) ...	— 27	— 4	+ 12	— 45	— 12	—42	—14
			Ulipur ...	— 16	+ 49	+ 106	— 58	— 7	—88	+ 13
		Bogra	Sherpur ...	— 58	+ 71	+ 61	— 40	— 44	—89	— 4
			Nowkhilla ...	— 10	+ 91	+ 112	— 65	— 8	—90	+ 22
			Bogra ...	— 69	+ 53	+ 43	— 30	— 56	—26	— 5
			Panchbibi ...	— 56	+ 27	+ 9	— 56	— 39	—18	—19
		Pabna	Pabna ...	— 43	+ 37	+ 23	— 46	+ 60	—89	0
			Sirajganj ...	— 62	+ 45	+ 20	— 61	— 14	—66	—15
EAST BENGAL.	Dacca.	Dacca	Munshiganj ...	— 46	— 22	— 12	— 1	— 41	—98	—28
			Dacca ...	— 60	— 26	+ 24	— 36	— 32	—75	—27
			Narayanganj ...	— 53	— 29	— 20	— 18	— 37	—88	—34
			Manikganj ...	— 48	+ 62	+ 26	— 19	— 9	—82	— 2
			Jaydebpur ...	— 15	— 3	— 16	— 50	— 44	—38	—26
		Mymensingh	Kishorganj ...	— 49	+ 2	+ 103	— 49	— 12	—49	— 3
			Atia (Tanguil) ...	— 49	— 2	— 8	— 51	— 39	—53	—29
			Mymensingh ...	— 30	+ 14	+ 156	— 43	— 21	—68	+ 14
			Jamalpur ...	— 52	+ 64	+ 74	— 76	— 62	—84	—11
			Netrakona ...	— 49	+ 48	+ 35	— 10	+ 11	—61	+ 7
			Subarnakhali ...	— 41	+ 22	+ 23	— 65	— 39	—56	—19
			Durgapur ...	+ 19	+ 31	— 48	— 56	— 25	—86	—22
			Diwanganj ...	— 13	+ 9	+ 122	— 8	— 78	—52	+ 6

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
EAST BENGAL—concd.	Dacca—concd.	Faridpur ...	Madaripur ...	— 48	— 50	— 33	— 20	+ 94	— 78	— 23
			Faridpur ...	— 4	— 12	+ 19	— 6	+ 52	+ 6	+ 8
			Goalundo ...	— 27	— 40	+ 10	— 12	+ 46	— 20	— 8
		Backergunge	Patuakhali ...	— 65	— 26	— 25	— 8	+ 141	— 74	— 8
			Pirojpur ...	+ 2	— 14	+ 11	— 12	+ 149	— 75	+ 14
			Barisal ...	— 57	+ 15	+ 26	+ 13	+ 136	— 42	+ 23
			Gaurnadi ...	— 24	— 8	+ 37	+ 26	+ 133	— 81	+ 19
			Bhola ...	— 39	+ 22	+ 21	— 16	+ 71	— 20	+ 11
			Bauphal ...	— 32	+ 63	+ 21	+ 2	+ 183	— 68	+ 34
		Hill Tippera	Agartala ...	— 50	+ 26	+ 67	?	— 46	— 78	— 4 ^p
	Chittagong.	Tippera ...	Comilla ...	— 49	+ 16	+ 45	— 42	— 52	— 41	— 13
			Chandpur ...	— 54	— 29	— 19	— 21	+ 7	— 84	— 28
			Brahmanbaria ...	— 51	+ 18	+ 143	— 63	— 56	— 42	— 4
			Ramechandrapur ...	— 59	+ 17	+ 13	— 56	— 79	— 96	— 33
			Nasirnagar ...	— 54	+ 31	+ 212	— 16	— 46	— 98	+ 8
			Daudkandi ...	— 57	— 51	— 12	— 35	— 5	— 100	— 37
			Kasba ...	+ 2	+ 70	+ 114	— 28	— 42	?	?
			Laksam ...	— 37	+ 74	+ 12	— 52	— 57	— 48	— 8
		Noakhali ...	Noakhali ...	— 12	+ 43	+ 14	— 13	— 27	— 37	+ 2
			Fenny ...	— 39	+ 16	+ 12	— 28	— 41	— 66	— 13
			Harishpur ...	— 56	+ 60	— 10	— 30	— 41	— 51	— 15
			Ramganj ...	— 51	+ 80	+ 6	— 6	+ 10	— 45	+ 8
		Chittagong	Cox's Bazar ...	— 39	+ 7	— 13	— 21	0	— 91	— 15
			Chittagong ...	— 37	+ 34	— 16	— 44	— 71	— 77	— 24
			Kutubdia ...	— 16	+ 19	— 45	— 64	— 34	— 65	— 34
			Satkanya ...	— 32	+ 24	— 46	— 24	— 45	— 62	— 26
			Kodala ...	— 56	+ 46	— 24	— 41	— 54	+ 1	— 20
		South Lushai Hills.	Rangamatia ...	— 11	— 11	— 38	— 36	— 35	— 68	— 30
BIHAR.	Patna.	Patna ...	Patna ...	+ 1	+ 8	+ 25	— 4	+ 15	— 69	+ 4
			Dinapore ...	— 73	— 12	— 16	— 11	+ 6	— 79	— 18
			Bihar ...	— 9	+ 27	— 48	— 33	— 22	— 40	— 25
			Barh ...	— 63	+ 144	— 52	— 50	+ 1	— 31	— 13
			Bikram ...	+ 27	+ 35	— 35	— 45	+ 3	— 62	— 20
			Hilsa ...	— 25	+ 52	— 36	— 61	+ 79	— 65	— 11
		Gaya ...	Aurangabad ...	— 80	+ 37	— 45	— 18	+ 6	+ 70	— 12
			Gaya ...	+ 21	+ 15	— 63	— 36	+ 30	— 22	— 23
			Nawadah ...	— 47	+ 24	— 39	— 30	+ 88	+ 6	— 4
			Jahanabad ...	— 52	+ 64	— 59	— 47	+ 61	— 34	— 19
			Arwal ...	— 81	+ 35	— 43	— 60	+ 85	— 30	— 17
			Daudnagar ...	— 70	+ 20	— 11	— 43	+ 8	+ 90	— 11
			Sherghati ...	— 43	+ 35	— 36	— 26	+ 22	— 22	— 11
			Rajauli ...	?	?	?	?	— 12	— 34	— 4
			Pakri Barawan...	— 61	+ 82	— 48	— 64	+ 37	+ 118	— 15
		Shahabad ...	Buxar ...	— 56	— 22	— 11	— 51	+ 24	— 48	— 22
			Dehri ...	+ 57	— 28	— 50	— 26	+ 35	+ 30	— 17
			Bhabhua ...	— 36	— 25	— 51	— 15	+ 71	+ 170	0
			Sasaram ...	+ 11	+ 3	— 21	— 24	+ 45	— 6	— 5
			Arrah ...	— 20	— 43	+ 39	— 18	+ 11	— 54	— 3
			Mohanea ...	+ 48	— 46	— 39	— 33	+ 146	+ 331	+ 15
		Saran ...	Gopalganj ...	+ 11	— 47	— 4	— 47	+ 33	— 45	— 2
			Siwan ...	— 52	— 29	— 19	— 61	— 19	— 68	— 36
			Chapra ...	— 49	+ 33	— 23	— 37	+ 37	— 69	— 12
		Champaran	Motihari ...	— 61	+ 1	— 13	— 45	+ 46	— 32	— 11
			Bettiah ...	+ 96	— 31	— 21	— 17	+ 53	+ 30	+ 2
			Bagaha ...	— 47	— 43	— 42	— 69	— 3	— 10	— 40
			Burhurwa ...	— 56	— 45	+ 14	— 36	+ 65	+ 49	— 4

METROPO- LITAN DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
BIHAR— <i>conold.</i>	Patna— <i>conold.</i>	Muzaffarpur	Sitamarhi ...	+ 45	+ 54	+ 40	— 43	+ 2	+ 33	+ 17
			Muzaffarpur ...	— 35	+ 26	+ 12	— 65	— 8	— 36	— 13
			Hajipur ...	— 79	+ 3	— 27	— 46	+ 40	— 76	— 21
			Paru ...	— 87	— 1	+ 14	— 78	+ 15	— 47	— 23
			Mahuwa ...	— 82	+ 31	— 27	— 61	?	?	?
			Shiuhar ...	— 41	+ 57	— 19	— 55	+ 11	— 27	— 12
			Pupri ...	— 83	— 4	— 17	— 64	+ 80	+ 81	— 16
		Darbhanga	Tajpur ...	— 46	+ 8	— 5	— 35	+ 64	— 83	— 4
			Darbhanga ...	— 84	+ 61	— 2	— 69	+ 36	— 68	— 11
			Madhubani ...	— 29	+ 31	+ 3	— 62	+ 53	— 17	— 2
			Bahera ...	— 64	+ 60	— 14	— 76	— 28	— 41	— 28
			Rosera ...	— 74	+ 63	+ 29	— 40	— 20	+ 53	— 3
		Monghyr	Begusarai ...	— 58	+ 62	+ 56	+ 17	— 53	— 16	+ 16
			Monghyr ...	— 36	+ 75	— 3	— 30	— 16	+ 13	— 2
			Jamui ...	— 15	+ 49	+ 11	— 37	+ 17	— 25	+ 3
			Gogri ...	— 42	+ 141	— 2	— 14	+ 10	+ 55	+ 14
			Shaikhpora ...	— 77	+ 36	— 46	— 87	— 72	+ 71	— 43
	Bhagalpur.	Bhagalpur	Madhipura ...	— 4	+ 82	+ 11	— 42	+ 52	— 31	+ 14
			Supaul ...	— 13	+ 60	+ 83	— 46	+ 18	— 57	+ 19
			Pratapganj ...	+ 20	+ 64	— 20	— 73	— 21	+ 13	— 13
			Bhagalpur ...	+ 3	+ 149	+ 33	+ 21	+ 34	+ 89	+ 52
			Banka ...	— 18	+ 69	+ 31	+ 32	+ 27	+ 38	+ 35
			Colgong ...	— 17	+ 187	+ 16	— 36	+ 10	+ 30	+ 31
		Purnea	Kishanganj ...	+ 37	+ 7	+ 55	— 63	+ 92	+ 22	+ 22
			Araria ...	+ 68	+ 7	+ 13	— 72	+ 46	— 13	+ 3
			Purnea ...	— 32	+ 117	+ 39	— 59	+ 62	— 63	+ 24
			Gondwara ...	— 48	+ 168	+ 90	— 24	+ 123	+ 26	+ 66
			(Korah)							
			Kaliaganj ...	+ 23	— 33	+ 30	— 52	— 25	— 14	— 14
		Malda	Malda ...	— 40	+ 23	— 4	— 20	+ 20	— 79	— 6
			Chanchal ...	+ 2	+ 37	+ 23	— 52	+ 64	— 26	+ 13
			Gajol ...	+ 13	+ 171	+ 22	— 34	+ 31	+ 55	+ 34
			Sibganj ...	— 49	+ 15	— 11	— 25	— 10	— 58	— 17
		Sonthal Par- ganahs.	Rajmahal ...	— 72	+ 36	— 29	— 53	— 5	+ 15	— 17
			Godda ...	+ 18	+ 97	— 19	— 6	+ 21	+ 24	+ 17
			Pakaur ...	— 14	— 1	+ 9	— 49	+ 5	— 59	— 13
			Naya Dumka ...	+ 49	— 19	+ 11	— 21	+ 55	— 62	+ 2
			Deoghur ...	+ 60	— 18	+ 15	— 49	+ 76	— 8	+ 5
			Jamtara ...	— 39	— 38	— 50	— 2	+ 87	— 90	— 18
			Nanihat ...	— 5	+ 44	+ 75	— 3	+ 133	— 100	+ 47
	Orissa.	Cuttaek	Jagatsingpur ...	— 15	+ 24	— 28	+ 135	+ 26	+ 24	+ 34
			Banki ...	+ 9	— 22	— 31	+ 35	+ 147	+ 124	+ 38
			Cuttaek ...	— 37	— 65	— 37	+ 71	+ 102	+ 43	+ 15
			False Point ...	— 52	— 38	+ 25	+ 67	+ 58	— 19	+ 18
			Kendrapara ...	— 38	— 35	— 15	+ 65	+ 84	— 5	+ 17
			Jajpur ...	— 67	— 37	+ 48	+ 77	+ 87	+ 27	+ 32
			Dharmasala ...	— 23	— 31	+ 120	+ 99	+ 131	— 2	+ 62
			Salipore ...	— 34	— 36	— 14	+ 39	+ 59	+ 68	+ 14
		Balasore	Akhyapada ...	— 8	— 3	+ 137	+ 90	+ 85	+ 14	+ 66
			Chandbali ...	+ 16	+ 35	+ 48	+ 85	+ 98	— 24	+ 54
			Bhadrak ...	— 8	— 13	+ 8	+ 43	+ 65	+ 36	+ 24
			Soro ...	+ 5	+ 34	+ 5	+ 66	+ 92	— 6	+ 39
			Balasore ...	+ 25	+ 5	— 15	+ 60	+ 61	— 42	+ 21
			Jellasore ...	+ 45	— 33	— 55	+ 127	+ 43	— 40	+ 15
Baripada ...			+ 26	— 56	— 33	+ 58	+ 95	— 15	+ 15	
Puri	Puri ...	+ 52	— 10	— 29	+ 126	+ 38	— 26	+ 25		
	Khurda ...	— 1	— 19	— 34	+ 50	+ 25	+ 127	+ 20		
	Bhanpur ...	+ 6	+ 66	— 67	+ 27	— 11	+ 44	+ 6		
	Gop ...	— 42	— 50	+ 14	+ 87	+ 2	+ 53	+ 19		
	Pipli ...	— 32	+ 7	— 29	+ 84	+ 13	+ 20	+ 19		

METEOROLOGICAL DIVISION.	Division.	District.	Station.	May.	June.	July.	August.	September.	October.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
CHOTA NAGPUR.	Chota Nagpur.	Hazaribagh	Pachamba (<i>Giridih</i>).	— 34	— 4	— 43	— 4	+ 35	— 37	— 11
			Hazaribagh ...	— 29	+ 11	— 61	+ 20	+ 44	+ 1	— 4
			Barhi ...	— 40	+ 56	— 30	— 34	+ 5	— 22	— 14
			Chatra ...	— 64	— 10	— 42	— 7	+ 3	— 50	— 24
			Karagdeha ...	— 78	+ 25	— 22	— 18	— 2	?	
			Ramgar ...	— 52	— 8	— 55	— 20	+ 89	— 42	— 14
		Ranchi	Lohardaga ...	— 25	— 1	— 38	+ 9	+ 82	— 1	+ 7
			Ranchi ...	— 34	+ 19	— 44	+ 8	+ 78	— 74	+ 2
			Silli ...	— 18	— 15	— 19	— 15	+ 209	+ 20	+ 19
			Sirguja ...	— 70	— 51	+ 2	— 3	+ 259	+ 300	+ 32
			Jashpur ...	— 19	— 33	0	+ 26	+ 128	+ 110	+ 30
			Gangpur ...	+ 312	+ 64	+ 14	+ 78	+ 111	+ 391	+ 80
		Palamau	Palamau (<i>Daltonganj</i>).	— 47	— 12	— 47	— 4	+ 18	— 38	— 17
			Balumath ...	+ 27	0	— 37	+ 30	+ 50	— 2	+ 8
			Husainabad ...	+ 16	— 67	+ 27	+ 10	+ 173	— 56	+ 28
			Garhwa ...	— 50	0	— 27	— 43	+ 107	— 68	— 12
		Manbhum	Purulia ...	+ 13	— 45	— 68	— 13	+ 99	— 63	— 17
			Gobindpur ...	— 17	— 3	— 39	— 26	+ 92	— 29	— 7
			Raghunathpur ...	— 35	— 31	— 68	— 26	+ 122	— 60	— 18
			Barahbhum ...	— 61	+ 12	— 15	+ 15	+ 285	— 36	+ 40
			Jhalda ...	+ 26	— 34	— 27	— 13	+ 168	— 44	+ 8
			Chas ...	— 42	— 10	— 70	+ 4	+ 22	— 41	— 20
		Singhbhum	Chaibassa ...	+ 8	— 41	— 36	+ 27	+ 125	— 39	+ 9
			Chakardharpur ...	— 16	+ 10	— 48	+ 56	+ 172	— 47	+ 18
			Ghatsila ...	— 1	— 16	— 20	+ 15	+ 156	— 70	+ 16
			Baharagura ...	+ 68	— 48	+ 6	+ 42	+ 90	— 39	+ 21
		Orissa Tributary Mahals.	Keonjhar ...	— 11	+ 136	— 16	+ 230	+ 107	+ 109	+ 89
			Kunjabangarh ...	— 48	— 1	— 24	+ 38	+ 2	+ 56	+ 5
		Angul	Angul ...	+ 54	— 44	— 49	+ 7	+ 46	— 3	— 8
			Bishpara ...	+ 12	+ 31	— 49	+ 75	— 9	+ 3	+ 6
			Talchar ...	— 5	+ 18	+ 19	+ 50	— 17	+ 200	+ 28
			Dhenkanal ...	+ 88	— 39	— 46	+ 43	+ 118	+ 177	+ 31
			Narsingpur ...	— 4	— 66	+ 4	+ 103	— 33	— 100	— 9

METEOROLOGICAL OFFICE, BENGAL, }

The 8th December 1899.

C. LITTLE,

Meteorological Reporter to the Govt. of Bengal.

WEATHER AND CROP REPORT.

For the week ending the 14th January 1901.

Burdwan.—Rainfall at Sadar 0·01. Weather fine and cold. Harvesting of *aman* nearly finished. Pressing of sugarcane continues. Fodder and water sufficient. Price of common rice stationary.

Birbhum.—No rain. Weather cold and cloudy. Standing crops benefited by last rain. Price of rice at Sadar 13½ seers and at Rampur Hât 14½ seers per rupee. Fodder sufficient.

Bankura.—No rain. Weather cold and occasionally cloudy. Pressing of sugarcane commenced in places. *Rabi* crops doing well. Fodder and water sufficient. No cattle-disease reported. Price of common rice at Bankura 12 seers and at Vishnupur 12½ seers.

Midnapore.—No rain. *Aman* being reaped. Common rice sells as follows;—

	Srs.	
Sadar	14	} per rupee.
Contai	14	
Tamluk	11	
Ghatal	13½	

Hooghly.—No rain. Harvesting of *aman* nearly finished. *Rabi* crops doing well. Fodder and water sufficient. Common rice sells at 10 seers 15 chitaks per rupee.

Howrah.—No rain. Weather seasonable. Harvesting of *aman* going on in places. Fodder and water sufficient. Common rice sells at 10½ seers per rupee.

24-Parganas.—Rainfall at Sadar 0·01. Weather seasonable. Prospect of standing crops not good. Harvesting of *aman* still going on. No cattle-disease. Fodder and water sufficient. Common rice sells as follows;—

	Srs.	
Sadar	10	} per rupee.
Barasat	10	
Basirhat	11	
Diamond Harbour	12½	

Nadia.—No rain. Weather cloudy. Rain wanted for the standing crops. Harvesting of *mung* and *kalai* going on. Fodder and water sufficient. Price of common rice stationary.

Murshidabad.—Rainfall at Lalbagh 0·02. Weather seasonable. Harvesting of *aman* finished and that of *kalai* continues. Prospects of *rabi* crops fair. Fodder and water sufficient. No cattle-disease. Common rice sells as follows;—

	Srs.	
Sadar	13	} per rupee.
Lalbagh	13½	
Kandi	15	
Jangipur	15	

Jessore.—No rainfall. Weather seasonable. Prospects of standing crops favourable. Harvesting of *aman* nearly finished. Fodder and water sufficient. Common rice sells as follows;—

	Srs.	
Sadar	13	} per rupee.
Jhenida	13	
Magura	13½	
Narail	13½	
Bangaon	13½	

Khulna.—Rainfall nil. Weather seasonable. Harvesting of *aman* paddy continues. Prospect fair. Fodder and water sufficient. Common rice sells as follows;—

	Srs.	
Sadar	13½	} per rupee.
Bagerhat	13½	
Satkhira	10½	

Rajshahi.—Prospects of standing crops fair. Harvesting of *aman* paddy still going on. Condition of cattle good. Fodder and water ample. Common rice sells at 14½ seers per rupee.

Dinajpur.—Rainfall nil. Weather cold and cloudy. Harvesting of *aman* nearly over. No cattle-disease. Fodder and water plentiful. Rice selling at Sadar 15 seers and at Thakurgaon 13 seers per rupee.

Jalpaiguri.—Rainfall nil. Weather cold and cloudy. Harvesting of *haimanti* paddy continues. State of *rabi* crops satisfactory. Price of common rice steady. Fodder and water sufficient.

Darjeeling.—Rainfall at Darjeeling 0·09, Kurseong 12, Siliguri nil, Kalimpong nil. Weather seasonable. Days cloudy, nights cold and frosty. *Bara marua*, *aman dhan*, *kalai* being harvested. *Tori*, *tatar*, wheat and barley progressing. *Terai*—*haimanti* paddy being harvested. Tobacco and mustard moderate. Potato well. Coarse rice sells as follows:—

	Srs.	
Hills	10	} per rupee.
Terai	14	

Bhutta sells at Darjeeling and Kalimpong 20 seers per rupee.

Rangpur.—Rainfall nil. Weather very cold. Harvesting of *aman* still going on. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	13	} per rupee.
Gaibanda	12	
Kurigram	10	
Nilphamari	13	

Bogra.—No rain. Harvesting of *aman* very nearly finished and that of mustard and sugarcane going on. Weather cold and seasonable. Rain want for *rabi* crops. Prospects moderate. Lands being prepared for *aus* and *jute*. Fodder and water sufficient.

Pabna.—Rainfall nil. Weather cold and cloudy. Prospects of crops fair. Rain wanted for *rabi* crops. Prices unchanged. Fodder and water sufficient.

Dacca.—Rainfall nil. Weather seasonable. Prospects of crops fair. Fodder available. No cattle-disease. Common rice 11½ seers per rupee.

Mymensingh.—Rainfall at Kishoreganj 0·07, Tangail 0·08. Weather cloudy and cold. Fields are being prepared for early rice crop. Transplantation of *boro* continues. Prospects of standing crops fair. Common rice sells as follows:—

	Srs.	
Sadar	10½	} per rupee.
Jamalpur	10	
Kishoreganj	11½	
Tangail	11	
Netrakona	11½	

Faridpur.—Rainfall at Sadar nil, Goalundo nil, Madaripur 0·72. Weather cold. State and prospects of winter crops favourable though more rain wanted. Common rice sells at 12½ seers a rupee.

Backergunge.—Rainfall nil. Weather cold. Prospects of crops fair. Patuakhali reports 25 per cent. *aman* paddy damaged by insects. Fodder and water sufficient. Common rice sells at 10 seers (old) *aman* and 12 seers (new).

Tippera.—No rain. Weather cloudy at times. Standing crops doing well. Fodder and water sufficient. Common rice averages 12½ seers per rupee.

Noakhali.—Rainfall nil. Weather seasonable. Prospects of standing crops good. Cattle-disease in Lakhmipur. Fodder and water sufficient. Prices unchanged.

Chittagong.—No rain. Harvesting of winter rice completed. Outturn 12 annas. Water and fodder sufficient. Common rice 12½ seers per rupee.

Patna.—Rainfall at Bikram 0·04. *Rabi* crops coming up well. Weather favourable and a good harvest expected. Pressing of sugarcane still going on. Fodder and water for cattle sufficient. Common rice in Patna sells at 15 seers per rupee.

Gaya.—Rainfall nil. *Rabi* and poppy doing well. Sugarcane being pressed. Common rice sells at 12½ seers per rupee.

Shahabad.—Rainfall at Sadar 0·03. Weather cloudy and cold. *Rabi* on low land in Sasaram subdivision damaged by rain. Pressing of sugarcane continues. Fodder and water sufficient. Rice 12½ seers a rupee at Sadar.

Saran.—Rainfall at Sadar nil, Siwan 0·56, Gopalganj 0·32. Weather cloudy and rainy. Standing crops doing fairly well. Bright sunshine and fine weather needed. Fodder and water sufficient. Common rice 15½ seers and *makai* 22½ seers per rupee.

Champaran.—Rainfall nil. Prospects of *rabi* good. Weeding continues. Threshing of paddy finished. Sugarcane pressing going on. Fodder and water sufficient. Prices of common rice and maize at Sadar are 15½ and 26 seers per rupee respectively.

Muzaffarpur.—Rainfall nil. Prospects good. Prices are—Common rice 14 seers, wheat 13 seers, barley 20 seers, maize 24 seers, gram 15 seers, *arhar* 13 seers, and *marua* 24 seers a rupee.

Darbhanga.—Rainfall at Sadar nil, Samastipur 0·02, Madhubani 0·13. *Rabi* doing well. Fodder and water sufficient. No cattle-disease reported. Common rice sells as follows:—

	Srs.	
Sadar	15½	} per rupee.
Samastipur	15	
Madhubani	16½	

Monghyr.—Rainfall at Sadar nil, Begusarai 0·87, Jamui 0·21. Very cold. Paddy harvesting nearly finished. Standing crops promising. *Rabi* crops much promising. *Rabi* crops much benefited by recent rains. Lands being prepared for *phaguni* indigo at Begusarai subdivision. Common rice sells as follows:—

	Srs.	
Sadar	15	} per rupee.
Begusarai	16	
Jamui	14½	

Bhagalpur.—Rainfall at Sadar nil, Banka nil, Madhipura 0·06, Supaul 0·32. Weather cloudy and windy. Harvesting of winter rice almost complete. Pressing of sugarcane is still going. *Rabi* crops have been much benefited by last week's rainfall. No cattle-disease. Fodder and water-supply sufficient. Prices stationary.

Purnea.—No rain. Weather cold and cloudy. Harvesting of *aghani* paddy nearly finished. *Rabi* crops doing well. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	15	} per rupee.
Kishanganj	14	
Araria	16	

Malda.—Rainfall nil. Weather cold and cloudy. Harvesting of winter rice not yet finished. Prospect of standing *rabi* crops good. No cattle-disease. Fodder and water sufficient. Price of rice stationary.

Sonthal Parganas.—Rainfall nil. Weather cloudy and cold. Harvesting of winter rice is nearly over. Standing *rabi* crops doing well. Fodder and water-supply ample. No cattle-disease reported. Rice sells at 15 seers and maize 21½ seers per rupee.

Cuttack.—Rainfall nil. Weather seasonable. *Guru sarad* and sugarcane being harvested. *Rabi*, *dalua* and tobacco growing. Condition of cattle good. Fodder and water sufficient. Common rice sells as follows:—

	Srs. ch.	
Sadar	14 7	} per rupee.
Jajpur	14 7	
Kendrapara	15 12	
Banki	16 12	

Balasore.—Rainfall nil. Harvesting of *kandha*, *sarad*, *rabi* and cotton continues. Sugarcane being pressed. *Rabi* doing well. Rice sells at 16½, 14½ and 16 seers per rupee in interior, Balasore and Bhadrak, respectively. Fodder and water sufficient.

Angul.—Rainfall at Angul nil, Bissipara ·70, Tikerpara 1·68, Chhindipara ·79. Weather cloudy. Crushing of sugarcane and harvesting of *rabi* and *til* going on. Price of common rice stationary. Fodder and water ample.

Puri.—Rainfall at Sadar 0·34, Khurda 1·63. Weather seasonable. *Sarad* paddy being harvested and gathered. *Dalua*, *mung*, *biri* and other miscellaneous crops growing well. Fodder and water sufficient. Rice sells as follows:—

	Srs. ch.	
Sadar	15 1	} per rupee.
Khurda	15 12	
In the interior	16 12	

Hazaribagh.—Weather cold and cloudy. Rainfall at Sadar nil, Giridih ·02. Sugarcane pressing going on. Fodder and water sufficient. Common rice sells at Sadar 11 to 13 seers per rupee and at Giridih 14 seers.

Ranchi.—Rainfall nil. Weather cold and cloudy. Prospect of crops good. Average price of common rice is 18 seers per rupee. No cattle-disease reported. Fodder and water sufficient.

Palamau.—No rain. Weather cloudy. Prospect of *rabi* much improved by recent rain. Fodder and water sufficient. Rice sells at Sadar 13½ seers per rupee.

Manbhum.—Rainfall nil. Weather seasonable. Prospects of crops on ground good. Fodder and water sufficient. Cattle-disease reported from Jhalda, Purulia, Manbazar and Barabazar. Average price of common rice at Sadar 14 seers and at Gobindpur 12 seers per rupee. Supply sufficient.

Singbhum.—No rain. *Rabi* crops doing well. Average price of rice is 16 seers 10 chitaks in the district; at Chaibassa 16 seers.

General Summary.—Light and scattered showers fell during the week. The rain has been generally beneficial to the standing crops. *Rabi* doing well. Harvesting of paddy nearly finished. Pressing of sugarcane still going on. Prospects good on the whole. Fodder sufficient. Cattle-disease reported from two districts only. The price of common rice has fallen in 8 districts, risen in 10, and is stationary in the rest.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACKE,

Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,

The 15th January 1901.

Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th January 1901.

Month.	Date.	Maximum in 24 h.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
Jan.	8th	132.8	8.9	30.024	64.1	72.4	15.3	57.1	59.1	0.436	55.2	75	NNW and N by W	132	Nil	Chiefly clear, d.
"	7th	126.8	8.8	.078	61.4	70.2	17.6	52.6	56.3	.388	51.8	73	N by W, NNW and NW.	113	"	Clear, d.
"	8th	125.0	8.9	.059	61.0	71.5	19.2	51.6	56.7	.406	53.2	77	N by W and NNE	80	"	Chiefly clear, d.
"	9th	129.8	5.9	.014	63.5	74.5	21.8	52.7	59.1	.449	56.0	79	NW by N and WNW.	66	"	Partially cloudy, d, o.
"	10th	133.1	7.2	.051	64.9	74.0	15.2	58.8	61.0	.487	58.2	80	NNW and WNW	94	0.01	Partially cloudy, d, o. d.
"	11th	128.8	9.2	.110	62.6	73.0	17.9	55.1	58.4	.484	55.0	78	WNW and NNW	65	Nil	Clear, d.
"	12th	127.0	9.1	.146	61.7	72.7	20.4	52.3	56.5	.390	52.0	71	NNW and N	74	"	Clear, d.

The mean pressure of the seven days	...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	30.069
The total number of hours of bright sunshine	...	...	...	...	Hours.
The maximum possible number of hours of sunshine	...	...	...	...	58.0
The mean temperature of the seven days	...	...	...	...	62.7
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	67.0
The extreme variation of temperature	...	...	...	...	22.9
The maximum temperature	...	...	...	...	74.5
The highest velocity of the wind in one hour	...	...	...	...	Miles.
The mean relative humidity	...	...	...	...	76
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	71
The total fall of rain from 6th to 12th January 1901	...	...	...	...	Inches.
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	0.01
The total fall from 1st to 12th January 1901	...	...	...	...	0.07
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	1.04
	...	...	...	...	0.11

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from eye observations.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

d, dew; o, overcast; d, drizzling rain.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,
Alipore (Calcutta), the 14th January 1901.

G. W. KÜCHLER,
For Meteorological Reporter to the Govt. of India,
and Director-General of Indian Observatories.

Meteorological Report of the Province of

METEOROLOGICAL DIVISION.	DIVISION.	DISTRICT.	Representative stations.	STATION OBSERVATIONS.														
				AIR PRESSURE.					WIND.		TEMPERATURE.							
				Highest, 8 A.M., barometer read- ing.	Lowest, 8 A.M., barometer read- ing.	Mean, 8 A.M., reduced to 32°.	Mean reduced to sea-level and constant gra- vity, Lat. 45°.	Variation from normal mean.	Mean direction at 8 A.M.	Mean velocity in miles daily.	Highest of month.	Lowest of month.	Mean daily maxi- mum tempera- ture.	Mean daily mini- mum tempera- ture.	Mean daily tem- perature.	Variation from normal mean.		
SOUTH-WEST BENGAL.	Burdwan	Burdwan	...	30.115	29.902	30.015	30.067	+0.18	N32°W	26	85.4	55.6	81.3	58.8	70.0	+3.2		
		Raniganj	...	29.887	29.637	29.761	30.065	—	N50°W	21	84.3	54.2	80.0	56.8	68.5	+2.5		
		Birbhum	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bankura	...	29.887	29.603	29.753	30.049	—	W	15	85.6	55.3	80.1	58.3	60.3	+3.0		
		Midnapore	...	30.060	29.844	29.955	30.062	+0.09	N5°W	69	86.8	54.2	81.9	58.0	70.0	+2.8		
	Presidency	Howrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Howrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		24 Parganas	...	Sangor Island	...	30.176	29.968	30.071	30.041	+0.06	N7°E	176	83.0	56.0	79.8	60.6	70.2	+2.8
		Calcutta	...	Calcutta	...	30.189	29.978	30.090	30.057	+0.19	N17°W	69	83.1	54.6	80.2	58.1	69.2	+3.1
		Nadia	...	Krishnagar	...	30.164	29.951	30.069	30.067	—	N37°W	51	83.2	51.1	80.4	55.5	67.9	+2.4
NORTH BENGAL.	Rajshahi	Murshidabad	...	30.150	29.922	30.046	30.065	+0.17	Calm	10	82.2	53.2	78.4	56.7	67.6	+1.7		
		Jessore	...	30.167	29.946	30.065	30.046	+0.18	N	25	81.1	51.1	78.9	56.0	67.5	+1.0		
		Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajshahi	...	Rampur Boalia	...	30.139	29.918	30.036	30.050	+0.28	N16°W	59	80.1	49.7	77.7	55.9	66.8	+2.4
		Dinajpur	...	Dinajpur	...	30.079	29.848	29.968	30.054	+0.10	N31°W	39	81.3	44.9	78.2	50.9	64.6	+0.6
	Dacca	Jalpaiguri	...	Jalpaiguri	...	29.932	29.684	29.822	30.082	+0.27	N1°W	23	79.9	47.1	76.6	52.9	64.8	+0.9
		Darjeeling	...	Darjeeling	...	23.192	22.978	23.087	—	+0.63	867°E	57	87.0	32.0	49.5	39.3	42.0	+0.1
		Cooch Behar	...	Cooch Behar	...	30.068	29.822	29.956	30.078	—	N85°E	20	81.0	49.2	77.4	53.6	65.5	—
		Rangpur	...	Rangpur	...	30.077	29.842	29.966	30.051	+0.01	N51°E	32	79.7	39.8	77.0	47.9	62.4	-1.3
		Bogra	...	Bogra	...	30.139	29.923	30.031	30.048	—	?	?	81.3	50.7	79.0	54.8	66.9	+1.7
BARisal.	Chittagong	Pabna	...	Sirajganj	...	30.126	29.918	30.033	30.033	+0.13	N31°W	8	83.4	51.4	78.6	56.2	67.4	+2.4
		Dacca	...	Narayanganj	...	30.109	29.951	30.063	30.038	+0.93	N22°W	15	83.1	51.3	79.7	57.5	68.5	+0.8
		Mymensingh	...	Mymensingh	...	30.116	29.916	30.024	30.038	+0.90	S45°E	4	82.6	50.7	78.0	56.2	67.1	+1.9
		Faridpur	...	Faridpur	...	30.107	29.950	30.056	30.031	+0.97	N9°W	35	81.2	50.0	78.8	54.7	66.9	+1.8
		Backergunge	...	Barisal	...	30.106	29.971	30.072	30.031	+0.93	N21°W	37	83.5	51.2	80.6	57.4	69.0	+2.3
	Patna	Tippera	...	Comilla	...	30.140	29.965	30.059	30.044	—	N27°E	32	86.4	49.1	81.9	55.0	68.5	+1.7
		Noakhali	...	Noakhali	...	30.132	29.940	30.042	30.034	—	N2°W	40	86.3	47.8	82.4	54.5	68.4	+2.1
		Chittagong	...	Chittagong	...	30.096	29.897	30.001	30.041	+0.95	N27°E	75	86.5	51.1	82.3	58.0	70.2	+2.0
		Chittagong Hill Tracts	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Patna	...	Bankipore	...	30.043	29.788	29.932	30.079	-0.08	S81°W	50	80.5	45.4	75.6	53.8	64.7	+2.1
BENGAL.	Bhagalpur	Gaya	...	Gaya	...	?	?	?	?	?	S23°W	100	83.3	50.8	77.6	54.9	66.3	+2.8
		Shahabad	...	Dehri	...	29.862	29.630	29.762	30.089	+0.13	S22°W	84	83.3	47.6	77.5	56.8	67.2	+2.6
		Buxar	...	Buxar	...	29.993	29.787	29.888	30.067	+0.19	S73°W	(a) 80	83.1	42.9	76.7	53.5	65.1	+2.4
		Arrah	...	Arrah	...	30.028	29.776	29.914	30.069	—	S81°W	30	81.4	45.6	76.6	52.0	64.3	+2.1
		Saran	...	Chapra	...	30.047	29.785	29.928	30.075	—	S65°W	42	81.1	45.7	76.6	52.5	64.6	+1.6
	Orissa	Champaran	...	Motihari	...	30.030	29.733	29.903	30.098	—	S51°W	38	80.0	41.9	75.2	48.6	61.9	+0.8
		Muzaffarpur	...	Muzaffarpur	...	30.071	29.785	29.949	30.093	—	Calm	14	79.7	43.3	75.0	51.0	63.0	—
		Darbhanga	...	Darbhanga	...	30.068	29.787	29.938	30.070	+0.05	N42°W	53	80.2	45.8	75.3	53.7	64.5	+0.5
		Monghyr	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagalpur	...	Bhagalpur	...	30.064	29.817	29.964	30.086	+0.33	S63°W	22	81.1	47.4	76.9	53.1	65.0	+2.2
CHOTA NAGPUR.	Orissa	Purnea	...	Purnea	...	30.114	29.852	30.004	30.093	+0.42	N61°W	39	79.6	46.3	76.0	51.3	63.7	+1.0
		Malda	...	Malda	...	30.151	29.918	30.045	30.073	—	N53°W	41	79.9	49.1	76.5	53.9	65.3	+0.8
		Sonthal Parganas	...	Naya Dumka	...	29.702	29.490	29.608	30.087	+0.30	N45°W	16	81.6	50.0	77.6	53.7	65.7	+2.2
		Cuttack	...	Cuttack	...	30.130	29.925	30.025	30.050	+0.02	Calm	6	87.9	59.1	84.5	63.4	74.0	+3.8
		Balasore	...	Balasore	...	30.158	29.966	30.065	30.063	+0.90	N25°W	43	86.4	53.5	82.4	58.3	70.4	+3.8
	Chota Nagpur	Shortt's Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Puri	...	Puri	...	30.187	29.988	30.084	30.048	—	N19°W	183	85.2	61.6	83.0	65.8	74.4	—
		Gopalpur	...	Gopalpur	...	30.186	29.984	30.081	30.042	—	N25°W	391	86.8	59.1	81.9	63.5	73.7	—
		Hazaribagh	...	Hazaribagh	...	28.142	27.940	28.060	30.094	+0.34	N63°W	122	77.4	47.2	73.4	53.5	63.5	+2.6
		Ranchi	...	Ranchi	...	28.020	27.825	27.925	30.084	+0.32	N65°W	78	81.1	50.9	75.1	54.8	65.0	+4.2
ASSAM.	Chota Nagpur	Palmau	...	Daltonganj	...	29.467	29.251	29.371	30.104	—	S75°E	34	84.0	45.2	78.4	50.3	64.4	—
		Manbhum	...	Purulia	...	29.381	29.168	29.275	30.078	—	N61°W	14	86.1	?	79.5	?	?	—
		Singhbhum	...	Chalibansa	...	29.424	29.210	29.325	30.073	—	N34°W	15	86.8	53.2	80.5	57.5	69.2	+4.1
		Sibsagar	...	Sibsagar	...	29.913	29.646	29.788	30.099	+0.05	N	41	76.1	46.9	72.2	53.4	63.9	+1.7
		Goalpara	...	Dhubri	...	30.095	29.855	29.988	30.065	+0.05	N73°E	75	80.1	48.8	76.5	54.8	65.0	+0.5
	Assam	Cachar	...	Silchar	...	30.090	29.895	30.004	30.066	+0.29	E	14	86.7	50.6	82.3	56.5	69.4	+2.1

(a) Mean of 30 days. (b) Mean of 19 days. (c) Mean of 28 days. (d) Mean of 26 days. (e) Mean of 12 days.

Bengal for the month of December 1900.

DISTRICT OBSERVATIONS.																DISTRICT.
HUMIDITY.		CLOUD.		Rain-fall.	RAINFALL—											
Mean, 8 A.M.	Variation from normal mean.	Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.		Of month.					Since 16th October 1900.						
					Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.		
74	+3	1.6	-0.4	0.20	0.10	0.11	-0.01	0.60	0.22	0.11	2.12	-2.01	0.60	2.47	Burdwan.	
75	-	1.9	-	0.10												
76	-				0.02	0.10	-0.08	0.00	0.30	0.02	1.89	-1.87	0.00	2.56	Birbhum.	
77	-	2.4	-	0.17	0.24	0.13	+0.11	0.70	0.20	0.24	2.04	-1.80	0.70	2.73	Bankura.	
78	-	0.7	-	1.07	0.33	0.18	+0.15	0.50	0.29	0.36	3.02	-2.66	0.67	3.00	Midnapore.	
					0.23	0.21	+0.07	1.50	0.37	0.28	2.44	-1.16	1.50	2.97	Hooghly.	
					0.28	0.22	+0.06	1.00	0.47	0.28	2.27	-1.99	1.00	3.17	Howrah.	
89	+5	1.7	-0.9	0.07	0.05	0.20	-0.15	0.14	0.41	0.46	3.46	-3.00	0.85	3.60	24-Parganas.	
90	0	1.4	-0.6	0.05	0.05	0.24	-0.19	0.00	0.46	0.06	2.81	-2.75	0.00	3.36	Calcutta.	
91	-	1.8	-	0.01	0.02	0.12	-0.10	0.00	0.20	0.02	2.63	-2.61	0.00	2.75	Nadia.	
92	+2	1.9	+0.3	Nil	Nil	0.10	-0.10	0.00	0.23	Nil	2.16	-2.16	0.00	2.51	Murshidabad	
93	+7	1.1	-0.9	0.14	0.04	0.17	-0.13	0.25	0.24	0.09	3.14	-3.05	0.45	3.29	Jessore.	
					Nil	0.24	-0.24	0.00	0.41	0.18	3.32	-3.14	1.00	3.75	Khulna.	
94	-	(k)	-	Nil	Nil	0.08	-0.08	0.00	0.19	Nil	1.66	-1.66	0.00	2.16	Rajshahi.	
95	-	(a)	-	Nil	0.5	0.10	-0.05	0.25	0.22	0.05	1.31	-1.26	0.25	1.90	Dinajpur.	
96	-	(b)	-	0.11	Nil	0.04	-0.04	0.00	0.14	Nil	1.68	-1.68	0.00	2.10	Jalpaiguri.	
97	+8	3.1	0	0.34	0.18	0.25	-0.07	0.33	0.73	0.18	3.02	-2.84	0.33	3.16	Darjeeling.	
98	-	(a)	-	Nil	Nil	0.11	-0.11	0.00	0.28	Nil	1.95	-1.95	0.00	2.14	Cooch Behar.	
99	-	1.2	-	Nil	Nil	0.12	-0.12	0.00	0.25	Nil	1.88	-1.88	0.00	1.56	Rangpur.	
100	-	0	-	Nil	Nil	0.13	-0.13	0.00	0.33	Nil	2.27	-2.27	0.00	2.19	Bogra.	
101	-	(f)	-	Nil	Nil	0.11	-0.11	0.00	0.33	Nil	2.36	-2.36	0.00	3.29	Pabna.	
102	-	(g)	-	Nil	Nil	0.16	-0.16	0.00	0.37	0.11	3.29	-3.18	0.63	3.76	Dacca.	
103	+11	2.4	+1.1	Nil	Nil	0.10	-0.10	0.00	0.70	Nil	2.53	-2.53	0.00	2.99	Mymensingh.	
104	-	?	-	Nil	Nil	0.12	-0.12	0.00	0.29	0.22	2.99	-2.77	0.66	3.42	Faridpur.	
105	-	1.0	-	Nil	0.12	0.13	-0.01	0.33	0.29	0.22	2.99	-2.77	0.66	3.42	Backergunge	
106	-	1.3	-	Nil	Nil	0.36	-0.36	0.00	0.48	2.09	4.03	-1.94	2.50	4.27	Tippera.	
107	-	(b)	-	Nil	Nil	0.19	-0.19	0.00	0.31	0.72	3.54	-2.82	1.45	4.08	Noakhali.	
108	-	1.1	-	Nil	Nil	0.19	-0.19	0.00	0.31	0.72	3.54	-2.82	1.45	4.08	Chittagong.	
109	-	2.5	-	Nil	0.01	0.54	-0.53	0.00	0.48	1.45	5.30	-3.85	3.25	4.53	Chittagong Hill Tracts.	
110	+1	(a)	-0.9	Nil	Nil	0.52	-0.52	0.00	0.73	0.65	5.70	-5.05	1.80	5.68	Patna.	
111	-	1.4	-	Nil	Nil	0.56	-0.56	0.00	0.85	0.48	4.54	-4.06	3.00	5.69		
112	-	(c)	-	Nil	Nil	0.56	-0.56	0.00	0.85	0.48	4.54	-4.06	3.00	5.69		
113	+6	2.6	+0.9	0.24	0.40	0.08	+0.32	1.33	0.21	0.40	1.38	-0.98	1.33	1.68	Gaya.	
114	+18	(a)	+1.6	0.72	1.16	0.18	+0.98	1.78	0.25	1.16	1.13	+0.03	1.78	1.65		
115	-	3.2	-													
116	-	(c)	-	1.02												
117	-	2.6	-	0.97	1.68	0.29	+1.46	2.17	0.29	1.68	1.62	+0.06	2.17	1.77	Shahabad.	
118	-	(b)	-	0.65												
119	-	2.4	-	0.65												
120	-	(e)	-	0.35	0.40	0.12	+0.28	1.33	0.29	0.40	1.36	-0.96	1.33	1.38	Saran.	
121	-	3.0	-	0.35	0.40	0.12	+0.28	1.33	0.29	0.40	1.36	-0.96	1.33	1.38	Champaran.	
122	-	(b)	-	0.51	0.31	0.16	+0.15	1.50	0.41	0.31	1.17	-0.86	1.50	1.25	Muzaffarpur.	
123	-	1.6	-	0.18	0.20	0.09	+0.11	0.80	0.21	0.20	1.05	-0.85	0.80	1.23	Darbhanga.	
124	-	(b)	-	0.18	0.20	0.09	+0.11	0.80	0.21	0.20	1.05	-0.85	0.80	1.23	Monghyr.	
125	+3	1.3	-	0.12	0.13	0.08	+0.04	0.40	0.21	0.12	0.86	-0.74	0.40	1.35	Bhagalpur.	
126	-	(b)	-	0.12	0.13	0.08	+0.04	0.40	0.21	0.12	0.86	-0.74	0.40	1.35	Purnea.	
127	-	2.0	+1.1	0.12	0.13	0.08	+0.04	0.40	0.21	0.12	0.86	-0.74	0.40	1.35	Malda.	
128	-	(c)	-	0.45	0.10	+0.35	0.80	0.17	0.46	0.39	0.99	-0.53	0.80	1.35	Sonthal Parganas.	
129	-	1.9	-	0.07	0.07	0.07	0	0.16	0.26	0.07	1.08	-1.01	0.16	1.38	Cuttack.	
130	+9	0.7	-0.3	0.11	0.12	0.10	+0.02	0.40	0.31	0.12	1.17	-1.05	0.40	1.35	Balasore.	
131	-	(b)	-	Nil	Nil	0.06	-0.06	0.00	0.21	Nil	1.49	-1.49	0.00	1.90	Shortt's Island.	
132	-	1.0	-	Nil	Nil	0.03	-0.03	0.12	0.23	0.23	1.50	-1.56	0.12	1.90	Puri.	
133	-	2.8	-	Nil	0.03	0.11	-0.08	0.12	0.23	0.23	1.50	-1.56	0.12	1.90		
134	+14	1.8	0	Nil	0.03	0.33	-0.30	0.13	0.54	1.01	5.18	-4.17	1.81	5.25		
135	+6	(a)	-0.4	0.04												
136	-	2.1	-	0.04												
137	-	1.4	-	Nil	Nil	0.20	-0.20	0.00	0.41	0.23	3.56	-3.33	0.58	4.29		
138	-															
139	-															
140	-	1.1	-	Nil	Nil	0.44	-0.44	0.00	0.66	2.52	7.18	-4.66	2.60	0.14		
141	-	0.3	-	0.05												
142	+8	3.3	+1.4	1.06	1.00	0.19	+0.51	1.50	0.31	1.00	1.71	-0.71	1.50	2.10	Hazaribagh.	
143	-	(a)	-	0.38	1.15	0.23	+0.23	1.50	0.32	1.15	1.63	-0.48	1.50	2.35	Ranchi.	
144	-	3.5	-													
145	-	(a)	-	1.56	1.93	0.27	+0.66	2.75	0.23	1.03	1.68	+0.25	2.75	2.14	Palamanu.	
146	-	1.9	-													
147	-	1.6	-	0.27	0.11	0.16	-0.05	0.33	0.25	0.11	1.49	-1.38	0.33	2.28	Manbhum.	
148	-															
149	-	2.0	-	0.26	0.07	0.28	-0.21	0.25	0.37	0.07	2.17	-2.10	0.25	3.20	Singbhum.	
150	+2	?	?	0.96												
151	+1	(d)	0	Nil												
152	-	1.3	-	Nil												
153	+8	(e)	-0.8	Nil												
		2.8														

(f) Mean of 21 days. (g) Mean of 19 days. (h) Mean of 18 days. (i) Mean of 27 days. (k) Mean of 24 days.

[illegible]

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Highest rainfall during the month.	Total rainfall from 1st Oct. to 31st Dec. 1900.	Average rainfall from 1st Oct. to 31st Dec.	Station.	District.	Division.	Meteorological Division.
...	0.21	...	...	1	0.20	0.21	0.16	0.21	0.21	2.41	Kalna	Burdwan.	Burdwan.	Burdwan.
...	Nil	0.19	0.20	0.15	0.10	0.20	2.39	Burdwan	Burdwan		
...	Nil	0.23	Nil	0.08	Nil	0.03	2.40	Katwa.	Burdwan	Burdwan.	Burdwan.
...	0.05	0.05	...	Nil	0.21	0.10	0.09	0.05	0.10	1.81	Raniganj	Burdwan		
...	Nil	1.18	Nil	0.09	Nil	Nil	1.53	Mankur.	Burdwan	Burdwan.	Burdwan.
...	Nil	0.35	Nil	0.11	Nil	Nil	2.08	Suri	Burdwan		
...	0.02	...	...	Nil	0.38	0.02	0.09	0.02	0.02	1.73	Hemampur	Burdwan	Burdwan.	Burdwan.
...	Nil	0.27	Nil	0.12	Nil	Nil	2.00	Rampur Hat.	Burdwan		
...	Nil	0.18	Nil	0.09	Nil	Nil	1.76	Bolpur.	Burdwan	Burdwan.	Burdwan.
...	Nil	?	Nil	?	Nil	?	?	Morari.	Burdwan		
...	Nil	?	Nil	?	Nil	?	?	Lalpur.	Burdwan	Burdwan.	Burdwan.
...	1	0.38	0.17	0.15	0.12	0.48	2.27	Banikura	Burdwan		
...	1	0.18	0.48	0.15	0.48	0.48	1.94	Vishnupur	Burdwan	Burdwan.	Burdwan.
...	1	0.25	0.22	0.13	0.22	0.22	1.73	Malina	Burdwan		
...	0.09	0.08	...	Nil	0.31	0.17	1.26	0.09	0.17	2.42	Khairat.	Burdwan	Burdwan.	Burdwan.
...	Nil	0.17	Nil	0.10	Nil	Nil	1.58	Indra.	Burdwan		
...	0.20	...	...	1	0.08	0.20	0.10	0.20	0.20	2.07	Kotalpur.	Burdwan	Burdwan.	Burdwan.
...	0.70	0.22	...	2	0.08	0.02	0.02	0.70	0.70	1.36	Onna.	Burdwan		
...	1	0.27	0.19	0.12	0.19	0.19	1.87	Gangajalghai	Burdwan	Burdwan.	Burdwan.
...	Nil	0.09	Nil	0.18	Nil	Nil	3.26	Raipur.	Burdwan		
...	Nil	0.18	Nil	0.12	Nil	Nil	1.98	Sonamukhi.	Burdwan	Burdwan.	Burdwan.
...	1	0.42	1.22	0.28	1.22	1.42	5.93	Contai	Burdwan		
...	0.04	...	...	Nil	0.35	0.04	0.20	0.04	0.04	3.01	Tamluk.	Burdwan	Burdwan.	Burdwan.
...	0.61	...	...	1	0.31	0.61	0.26	0.61	0.61	2.93	Midnapore.	Burdwan		
...	0.13	...	...	1	0.35									

Table of Rainfall recorded at stations

NORTH BENGAL—continued.

EAST BENGAL.

BIHAR.

Meteorological Division.	Division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
NORTH BENGAL—continued.	Rajshahi—continued.	Tibet Cooh Behar	Yatung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Dinbatta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rangpur	Cooh Behar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Mickligan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Mathabanga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Palbari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Bhawaniganj (Gaibanda)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Rangpur
			Peerpanj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Korigan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Gobindganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bogra	Haridoga (Nityhamari)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Ulipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fakhs	Sunderganj
			Shorpur
EAST BENGAL.	Dacca.	Dacca	Nowkhilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Bohra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mymensingh...	Panchabibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Palna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Faridpur	Berniganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Munshiganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Backergunge	Dacca	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Naryanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chittagong.	Manikganj
			Jaydebpur
BIHAR.	Patna.	Hill Tippera...	Agartala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tippura	Chandpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranchhandrapur.	Ranchhandrapur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Nasirnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudkandi	Daudkandi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Kashin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laksm	Laksm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Noskhali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fenny	Fenny	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Harishpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranganj	Ranganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Chhaganaya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hafga	Hafga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lakhmipur	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kutubdia	Kutubdia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkania	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kodala	Kodala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fenosa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mirsarai	Mirsarai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangamatin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bundorban	Bundorban	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barkal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	Patna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dignapole	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bihar	Bihar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikram	Bikram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hilaa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaya	Aurungabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gaya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gawada	Gawada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jahanabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...

in Bengal in December 1900—continued.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st Oct. 1900 up to 31st Dec. 1900.	Average rainfall from 1st Oct. up to 31st Dec.	Station.	District.	Division.	Meteorological Division.
0.07	0.50	1	?	0.57	?	0.5	0.77	?	Yatung	Tibet.	Rajshahi—concluded.	NORTH BENGAL.
...	Nil	0.35	Nil	0.15	Nil	Nil	1.92	Dinhatta	Cooch Behar.		
...	Nil	0.28	Nil	0.07	Nil	Nil	1.87	Cooch Behar			
...	Nil	0.24	Nil	0.12	Nil	Nil	1.86	Mickliganj.			
...	Nil	0.21	Nil	0.09	Nil	Nil	2.14	Matlabhanga			
...	Nil	?	Nil	?	Nil	Nil	?	Fulbari.			
...	Nil	0.24	Nil	0.12	Nil	Nil	1.90	Bhawaniganj (Gaibandha)	Rangpur.		
...	Nil	0.21	Nil	0.08	Nil	Nil	2.53	Rangpur.			
...	1	?	0.18	?	0.18	0.18	?	Peerganj.			
...	Nil	0.33	Nil	0.18	Nil	Nil	1.25	Kuriganj.			
...	Nil	?	Nil	?	Nil	Nil	?	Gobiniganj.		Dacca.	EAST BENGAL.
...	0.18	Nil	0.29	Nil	0.13	Nil	1.57	Bandoga.			
...	Nil	0.15	Nil	0.10	Nil	Nil	1.12	(Nalphanari).			
...	Nil	?	Nil	?	Nil	Nil	?	Ulipur.			
...	Nil	0.20	Nil	0.19	Nil	Nil	2.70	Sunderganj.			
...	Nil	0.30	Nil	0.10	Nil	Nil	2.69	Sherpur	Bogra.		
...	Nil	0.23	Nil	0.10	Nil	Nil	2.11	Nowkhilla.			
...	Nil	0.30	Nil	0.13	Nil	Nil	1.48	Bogra			
...	Nil	0.19	Nil	0.10	Nil	Nil	2.33	Panchbibi.	Pabna.		
...	Nil	0.40	Nil	0.13	Nil	Nil	2.38	Sersaganj.			
...	Nil	0.46	Nil	0.28	Nil	0.15	3.72	Munshiganj	Dacca.	Chittagong.	SIBHAR.
...	Nil	0.42	Nil	0.16	Nil	0.13	2.74	Dacca			
...	Nil	0.54	Nil	0.25	Nil	0.03	4.23	Narayanganj.			
...	Nil	0.33	0.0	0.10	0.02	0.10	2.82	Manikganj.			
...	Nil	0.09	Nil	0.03	Nil	0.13	2.98	Jaydebpur.			
...	Nil	0.31	Nil	0.24	Nil	0.03	2.60	Kishanganj.	Mymensingh.		
...	Nil	0.23	Nil	0.09	Nil	Nil	2.47	Atia (Tangai).			

Table of Rainfall recorded at stations

[illegible]

Table of Rainfall recorded at stations

[illegible]

in Bengal in December 1900—concluded.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heavy rain-fall during the month.	Total rainfall from 16th Oct. 1900 up to 31st Dec. 1900.	Average rainfall from 16th Oct. up to 31st Dec. 1900.	Station.	District.	Division.	Meteorological Division.
...	0.08	0.05	0.45	1	0.31	0.58	0.13	0.45	0.58	1.65	Pachamba (Giridih).	Hazaribagh.	Chota Nagpur.	CHOTA NAGPUR.
...	0.06	...	...	0.58	...	...	0.48	2	0.46	1.06	0.23	0.54	1.06	1.77	Hazaribagh.			
...	1.02	1	0.36	1.08	0.21	1.02	1.08	1.42	Barhi.			
...	0.10	...	...	0.03	...	...	...	...	0.27	1.28	0.23	1.16	1.28	1.47	Chatra.			
...	0.18	...	0.11	...	...	1.38	Kharasdeha.			
...	0.27	...	0.21	...	...	2.56	Ramgar.			
...	0.06	1	0.33	0.40	0.27	0.43	0.40	2.18	Lohardaga.	Ranchi.		
...	0.02	0.24	0.09	0.03	...	...	...	Nil	0.20	0.69	0.21	0.69	0.69	0.91	Silli.			
...	0.20	...	...	0.65	...	...	...	2	?	0.87	?	0.85	?	?	Palikot.			
...	0.50	0.05	...	...	...	...	1	?	0.85	?	?	0.80	0.85	?	Bano.			
...	?	...	?	?	?	?	Tamar.			
...	1	?	1.57	?	?	1.50	1.57	?	Kurdeg.			
...	?	...	?	?	?	?	Chakrapur.			
...	1.00	2	0.47	2.50	0.29	1.90	2.50	1.92	Sirgusa.			
...	0.40	...	...	0.75	...	...	0.37	3	0.50	1.55	0.33	0.75	1.55	3.32	Jaahpur.			
...	0.80	1.07	2	0.64	1.87	0.38	1.07	1.87	2.18	Gangpur.			
...	0.60	0.10	...	0.01	...	...	0.85	3	0.42	1.56	0.21	0.85	1.56	1.50	Palamau (Daltonganj).	Palamau.		
...	0.30	1.10	1.02	3	0.36	2.42	0.39	1.10	2.42	2.10	Balumath.			
...	0.80	...	...	...	...	...	1.40	2	0.27	2.20	0.25	1.40	2.20	1.56	Husainabad.			
...	0.40	...	...	0.12	...	...	0.92	3	0.27	1.53	0.21	0.92	1.53	1.43	Garhwa.			
...	0.45	...	...	0.08	...	0.06	0.09	2	?	1.58	?	0.98	1.58	?	Mahadandur.			
...	0.71	1	?	0.71	?	0.71	0.71	?	Panki.			
...	0.20	2.50	2	?	2.70	?	2.50	2.70	?	Latehar.			
...	1.35	0.10	...	0.06	...	...	0.94	3	?	2.45	?	1.35	2.45	?	Nagaratari.			
...	0.60	0.05	...	0.20	0.05	...	1.10	3	?	2.00	?	1.10	2.00	?	Kanka.			
...	0.32	0.13	...	...	...	0.90	1.86	4	?	3.21	?	1.86	3.21	?	Chatterpur.			
...	0.91	0.07	0.19	...	1	0.31	0.27	0.17	...	1.55	?	Purulia.			
...	0.05	0.07	Nil	0.38	0.12	0.15	0.07	1.55	?	Gobindpur.	Manbhum.		
...	0.10	...	1	0.18	0.16	0.11	0.10	1.55	?	Raghunathpur.			
...	0.05	0.05	...	...	Nil	0.27	0.10	0.18	0.05	0.10	1.79	Barababhum.			
...	0.08	...	...	...	Nil	0.15	0.08	0.20	0.08	0.08	1.19	Jhals.			
...	Nil	0.18	Nil	0.15	Nil	Nil	1.53	Chas.			
...	0.02	...	Nil	?	0.05	?	0.03	0.05	?	Fandra.			
...	0.05	...	...	0.16	0.05	...	...	1	0.65	0.26	0.28	0.16	0.26	1.95	Chakradharpur.	Singbhum.		
...	0.27	...	0.29	...	...	2.08	Chakradharpur.			
...	Nil	0.30	Nil	0.28	Nil	Nil	2.31	Ghatila.			
...	Nil	0.18	Nil	0.25	Nil	Nil	2.31	Baharagura.			
...	0.50	0.46	...	...	2	?	0.96	?	0.50	0.96	?	Gatikura.			
...	Nil	?	Nil	?	?	?	?	Kalikapur.			
...	?	?	?	?	?	?	Monahorpur.			
...	0.50	...	...	1	?	0.50	?	0.50	?	?	Katbari.			
...	0.04	...	...	Nil	?	0.04	?	0.04	?	?	Seraikilla.			
...	?	?	?	?	?	?	Kharaswan.			
...	0.57	0.37	...	...	2	0.50	0.94	0.21	0.57	1.04	2.78	Keonjhar.	Orissa Tributary Mahals.		
...	Nil	?	Nil	?	Nil	?	?	Anandpur.			
...	Nil	0.27	Nil	0.13	Nil	Nil	3.72	Kunjabong.			
...	Nil	0.67	Nil	0.41	Nil	Nil	3.39	Angul.			
...	Nil	0.53	Nil	0.32	Nil	0.10	3.57	Bisipara.			
...	1	?	0.12	?	0.12	?	?	Pal Lahara.			
...	Nil	0.27	Nil	0.24	Nil	Nil	2.40	Talchar.			
...	Nil	0.71	Nil	0.34	Nil	Nil	3.33	Dhenkanal.			
...	Nil	?	Nil	?	Nil	0.04	?	Basinga.			
...	Nil	?	Nil	?	Nil	?	?	Baramba.			
...	Nil	0.20	Nil	0.07	Nil	Nil	3.53	Narsipur.			
...	?	?	?	?	?	?	Chhindipada.			

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS
TAKEN IN ASSAM, FOR THE MONTH OF DECEMBER 1900.**

WEATHER during December was more settled than usual over the south of the Bay, where no cyclonic disturbance occurred. Strong winds generally prevailed on the Madras coast and there was a considerable increase of strength on the coast of the Circars about the middle of the month, followed by heavier rainfall in the south. North-East monsoon conditions were less marked than usual, the withdrawal of the monsoon from the Bay area being earlier than usual.

Accompanying this relatively settled state of the weather in the south of the Bay, fine weather was uninterrupted over the Province and the north of the Bay during the greater part of the month. Temperature was generally higher than usual, but otherwise nothing exceptional was observed, pressure undergoing the usual oscillations, sometimes moderate in amount, and winds being northerly or north-westerly except in Bihar and North Bengal, where greater irregularity occurred. These conditions prevailed till the end of the third week, when the first cold season disturbance began to affect weather over the Province. From about the 25th till the end of the month showers, more or less general and at times heavy, were falling in places, the larger proportion occurring in the Western districts, where considerably more than the normal amount for the season was received. The fall in Bihar and Chota Nagpur was four times the usual amount. In other divisions, with the exception of South-West Bengal where the fall was about normal, very little rain fell.

The cause of the rainfall towards the end of the month was probably the usual shallow depression moving from the west, but the changes of pressure differed from those characteristic of settled weather, only in being somewhat more irregular, and the variation from the normal was very small throughout the period of disturbance. The changes of temperature following the disturbance began in North Bengal, where rain first fell, and from there extended westward and southward, showing that, as is not unusual, a change began in the north-east, which checked the advancing disturbance, so that the heaviest rainfall was in the Western districts.

At the beginning of the month pressure was normal over the Bay and in slight defect over the Province. Northerly winds prevailed at coast station, but inland, owing to the more uniform distribution of pressure, winds were light and irregular. Temperature was high in the Western and low in the Eastern district, by amounts generally about 2° . There was very little change till the 4th, when a brisk fall of pressure occurred over the Province and the north of the Bay, after which the distribution was still more uniform and winds became westerly or south-westerly in Bengal. This arrangement of pressure and winds continued till the 7th, when pressure began to recover, and by the 8th had become in moderate excess. For some days pressure steadily increased, but as barometric readings remained low in Bihar relatively to other parts of the Province, the southerly winds continued in the Western districts, with a perceptible increase of temperature over the whole land area. On the 12th pressure was more than $\cdot 1$ inch in excess in Bengal and on the west coast of the Bay, and the temperature excess varied from 6° in Chota Nagpur to 2° in East and North Bengal and Assam.

On the 13th pressure began to fall, the gradient became more normal and the area of high temperature was transferred from the Western to the Eastern districts. These conditions continued till the 19th, when a rapid fall of pressure occurred in Bengal. It continued more slowly on the 20th, and was followed by a rapid recovery on the 21st. The general weather conditions remained unchanged during these the most rapid variations of pressure, which occurred throughout the month. Winds were lighter and less regular, while pressure was lowest, but temperature was uniformly high at all stations.

There was little change till the 24th, when signs appeared of the first cold season disturbance. Pressure fell moderately in the west of Bihar, and winds were irregularly cyclonic in that area. The slight depression was better defined on the 25th, and weather was more generally disturbed, as rainfall in moderate amount fell on that date in Bihar, Chota Nagpur and part of North Bengal, while the sky was more or less heavily clouded over the whole area. Following this rainfall a change of temperature began in North Bengal. It was most marked at Darjeeling and Jalpaiguri on the 26th, and on subsequent days extended over the greater part of the northern half of the Province. Pressure changes continued irregular till the 28th, and weather remained slightly disturbed, as shown by the clouded skies and the scattered rainfall in Chota Nagpur and South-West Bengal.

After a moderate increase of pressure on the 29th and 30th, it again fell rapidly on the 31st, — a change which was accompanied by general and in places heavy rainfall in Bihar and Chota Nagpur. The heaviest falls were in Manbhum and Palamau, in a number of cases exceeding 1 inch.

Pressure oscillations, though at times of considerable amount, were regular during the greater part of the month. During the last week two shallow depressions approached the Western districts, causing irregular and at times rapid changes of pressure. The variation from the normal was never more than moderate, and was most frequently above the normal. In consequence, mean pressure for the month is in excess except in the west of Bihar, where

it is practically normal. The greatest excess is .03 inch in the Central districts and the east of Chota Nagpur, while in Orissa and the Eastern districts it is .02 inch or less.

Temperature was at times largely above the normal, at first in the Western districts, but later in the east. At other times there was a uniform though smaller excess over the whole Province. Mean temperature was below the normal in the Eastern districts during the early part of the month, and in the north towards the end. On an average for the whole month maximum temperature is everywhere above the normal, excess varying from 3° in the west to 2° in the north-east. Mean minimum temperature is in excess except at a few stations in the west, the greatest excess being 5° in part of Orissa and Chota Nagpur.

The average excess for Orissa and Chota Nagpur is 3°·6, for South-West Bengal 2°·5, East Bengal and Bihar about 2° and for North Bengal and Assam a little over 1°.

Rainfall was entirely absent until towards the end of the month, when weather became disturbed in the Western districts. A few showers fell in North Bengal on the 21st, but most of the falls occurred on the 25th and 31st, with scattered showers on intermediate days in the South-Western districts. Chota Nagpur and Bihar received .85 and .48 inch, respectively, in each case, about four times the normal amount for the month. In South-West Bengal practically the usual amount fell. In other divisions there was only a small fraction of the usual amount.

The following table gives the average rainfall for each division month by month throughout the year, expressed as a percentage of the normal fall for each month. It will be seen that Orissa has received 21 per cent. more than the normal, South-West Bengal 11, and Chota Nagpur 5; and that North Bengal, East Bengal and Bihar have received respectively 16, 10 and 2 per cent. less than the average:—

METEOROLOGICAL DIVISIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Actual rainfall of the year 1900 expressed as a percentage of the normal fall for the period.
South-West Bengal ...	60	140	26	156	88	84	79	91	280	41	1	73	111
North Bengal ...	72	117	61	64	78	105	122	47	76	36	Nil	20	84
East Bengal ...	9	184	98	84	62	117	112	73	92	40	23	4	90
Bihar ...	338	88	4	49	80	130	95	61	127	81	Nil	400	98
Orissa ...	6	82	117	157	89	83	99	174	165	1·6	3	3	121
Chota Nagpur ...	426	60	21	388	82	92	61	99	194	62	Nil	405	105

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the month of December 1900:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th October 1900.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Bengal	86·8	51·1	80·1	57·6	68·9	+2·5	0·11	0·15	—0·04	0·33	0·28	+0·05	0·17	2·57
North Bengal	83·4	39·8	77·8	53·2	65·5	+1·1	0·02	0·10	—0·08	0·06	0·24	—0·18	0·02	1·79
East Bengal	86·5	47·8	80·5	66·2	68·4	+1·3	0·01	0·27	—0·26	0·02	0·40	—0·38	0·89	3·81
Bihar	83·3	41·9	76·4	53·0	64·7	+1·8	0·48	0·13	+0·36	0·95	0·25	+0·70	0·48	1·24
Orissa	87·9	53·5	82·5	62·3	72·4	+3·6	0·01	0·31	—0·30	0·03	0·32	—0·47	1·07	5·11
Chota Nagpur*	86·8	47·2	76·3	55·4	65·9	+3·0	0·85	0·21	+0·64	1·26	0·30	+0·96	0·85	1·70
Assam	86·7	46·9	77·0	54·9	66·0	+1·4								

* Daltonganj and Purulia not included.

METEOROLOGICAL OFFICE, BENGAL,
The 15th January 1901.

C. LITTLE,
Meteorological Reporter to the Govt. of Bengal.

Vital Statistics of the Districts of Bengal for the month of November 1900.

DIVISIONS.			DISTRICTS.			BIRTHS.										DEATHS.										REMARKS.																									
						Population under registration.					CHOLERA.					SMALL-POX.					FEVER.						JYSENTERY AND DIARRHŒA.					INJURY.					OTHER CAUSES.					TOTAL OF ALL CAUSES.					AVERAGE OF CORRESPONDING MONTHS OF PREVIOUS FIVE YEARS.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
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Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
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Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0.12	987	7.92	5,337	46.08	8,617	31.08	3,617	27.00																													
Burdwan	Burdwan	1,391,550	4,989	36.72	367	5.19	4	0.02	3,906	53.60	133	1.08	29	0																																					

Vital Statistics of Towns in Bengal with a population of 20,000 and over during the month of November 1900.

DISTRICTS.	TOWNS.	Population under registra- tion.	BIRTHS.		DEATHS.																AVERAGE OF CORRESPONDING MONTH OF PRE- VIOUS FIVE YEARS.		REMARKS.
			Number registered.	Ratio per 1,000 of population per annum.	CHOLERA.		SMALL-POX.		FEVER.		DYSENTERY AND DIARRHŒA.		INJURY.		OTHER CAUSES.		TOTAL OF ALL CAUSES.						
					Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Burdwan ...	1. Burdwan ...	34,477	59	20.52	10	3.48	...	...	100	34.80	25	8.64	1	.24	26	9.00	102	56.28	139	48.36	
Midnapore ...	2. Midnapore ...	32,264	26	28.20	1	.56	...	...	80	29.74	18	6.68	...	.36	26	9.66	126	46.86	118	43.80	
Hooghly ...	3. Hooghly and Chinsura ...	83,080	75	27.12	3	1.08	1	.36	63	22.80	19	6.84	...	.96	29	10.44	115	41.64	139	50.40	
Howrah ...	4. Serampore ...	35,952	103	54.52	4	1.32	3	.96	78	25.92	50	16.68	...	.36	14	4.56	152	50.64	185	61.68	
	5. Howrah ...	116,006	411	42.24	25	2.52	3	.24	315	39.40	136	13.92	...	.12	191	19.56	672	69.12	439	45.12	
	6. Cossipore-Chitpur ...	31,423	52	19.80	9	3.36	...	...	35	13.52	6	2.28	1	.36	6	2.28	57	21.72	45	17.16	
	7. Maniktala ...	32,803	44	15.96	6	1.80	...	...	28	10.20	1	.36	...	.36	15	5.40	49	17.88	36	13.08	
	8. Barnagore ...	23,028	70	36.36	37	19.20	1	.48	67	34.80	23	11.88	...	.36	7	2.40	138	71.88	125	65.04	
	9. South Suburban ...	41,718	86	24.72	3	.84	...	...	70	29.04	15	4.20	...	.36	5	1.52	93	26.64	161	46.20	
24-Parganas	10. Garden Reach ...	27,324	50	21.48	...	...	...	...	87	37.32	2	.84	...	.36	4	1.68	93	39.96	Data not available.	...	
	11. South Barrackpore, including Tittagarh Municipality.	35,647	59	19.80	3	.96	...	...	68	22.80	10	3.36	...	.36	8	2.64	80	29.88	98	32.88	
	12. Naldiati ...	20,040	70	41.88	...	...	...	1.08	63	25.32	9	5.28	2	1.08	18	10.68	94	56.28	110	63.76	
Calcutta ...	13. Calcutta ...	681,560	1,089	19.08	120	2.64	27	.36	928	16.32	409	7.20	51	.96	1,261	22.20	2,806	49.32	2,089	36.72			
Nadia ...	14. Krishnagar ...	25,590	36	16.93	12	5.64	...	...	41	19.28	5	2.28	1	.36	...	...	59	27.73	81	38.04	
Murshidabad	15. Santipur ...	30,437	64	25.22	19	7.44	...	...	96	37.84	2	.72	...	.36	...	...	140	55.68	132	51.96	
Rajshahi	16. Berhampore ...	23,515	56	28.56	114	58.08	...	...	80	40.80	3	1.44	...	.48	23	9.06	218	111.24	92	46.92	
Pabna ...	17. Rampur Bedia ...	21,407	71	39.72	21	11.76	...	...	61	34.08	2	1.08	...	.36	2	10.20	86	48.12	80	44.76	
Dacca	18. Siriganj ...	23,297	62	31.92	11	5.64	...	...	28	14.40	2	.96	...	.36	1	1.08	42	21.60	58	29.88	
Chittagong ...	19. Dacca ...	82,623	806	53.16	106	15.36	...	...	191	27.72	43	6.24	1	.12	115	16.68	456	66.24	376	54.60	
	20. Chittagong ...	24,009	27	15.44	21	10.44	...	...	51	25.32	1	.48	...	.36	10	4.92	33	41.28	33	16.44	
Patna ...	21. Patna City ...	165,192	454	52.88	42	5.48	...	...	731	53.04	208	15.60	...	.60	283	20.52	1,380	92.88	519	36.96	
	22. Bihar ...	47,723	147	36.96	2	.48	1	.24	64	16.08	35	8.76	9	.96	46	11.28	147	36.96	123	30.84			
Gaya ...	23. Dinapore ...	44,410	141	38.04	8	2.16	...	...	115	30.96	20	5.40	2	.48	100	27.00	245	66.12	187	29.16	
Shahabad ...	24. Gaya ...	80,883	177	28.40	17	2.52	1	.12	1,427	213.00	30	5.76	6	.84	97	14.40	1,587	236.88	306	45.60			
	25. Arrah ...	46,905	95	24.24	...	...	...	...	50	12.72	2	.48	...	.36	31	2.76	65	16.08	66	16.80	
Saran ...	26. Sasaram ...	22,713	82	43.32	...	...	...	...	53	27.96	3	1.56	...	.96	11	5.76	69	36.36	58	30.60	
Champaran	27. Chapra ...	57,552	112	23.42	1	.12	...	...	401	83.89	35	7.32	3	.60	78	16.52	518	108.36	131	27.36	
Muzaffarpur	28. Bettiah ...	29,780	87	45.72	...	...	...	...	63	53.12	2	.96	...	.36	30	15.72	95	50.04	66	34.68	
	29. Muzaffarpur ...	49,132	163	39.72	...	...	...	...	43	10.44	4	.96	1	.24	34	8.28	52	19.92	152	52.16	
Darbhanga ...	30. Hajipur ...	21,487	86	48.00	...	...	...	...	34	18.96	2	1.08	...	.48	42	23.40	79	44.04	65	36.24	
Monohyr ...	31. Darbhanga ...	73,561	229	37.32	1	.12	...	...	98	15.96	7	1.08	3	.48	78	11.88	182	29.64	261	42.48	
Bhagalpur ...	32. Monohyr ...	67,077	207	45.44	11	2.28	...	...	143	50.00	48	10.68	4	.84	144	50.24	350	73.66	117	37.92	
Cuttack ...	33. Bhagalpur ...	69,106	247	49.84	33	5.64	20	3.36	157	27.24	12	2.04	...	.36	35	6.00	247	44.82	225	39.00	
Balasore ...	34. Cuttack ...	47,180	118	30.00	5	1.20	...	...	60	15.24	18	4.56	1	.24	30	9.84	123	31.20	107	27.12	
Puri ...	35. Balasore ...	20,775	52	30.00	2	1.08	...	...	20	11.52	2	1.08	...	.36	13	7.44	37	21.36	50	28.80	
Ranchi ...	36. Puri ...	28,794	54	22.44	13	5.40	...	...	46	19.08	34	14.16	...	.36	55	22.80	148	61.56	113	46.56	
	37. Ranchi ...	20,606	35	21.24	...	...	...	...	13	7.68	1	.48	...	.36	6	3.48	20	11.76	36	21.24	
	Total of all towns with a population of 20,000 and over ...	2,252,233	5,413	28.80	686	3.48	39	.24	6,048	32.16	1,253	6.60	109	.48	2,877	15.24	11,012	58.56	7,060	37.56			
	Average of the corresponding month of previous five years ...	...	5,502	29.28	487	2.52	15	.07	3,593	19.08	834	4.44	88	.36	2,092	10.92	7,060	37.56	...	...	
	Difference + or -	...	-96	-.48	+179	+.96	++	+.17	+2,455	+13.08	+419	+2.16	+21	+.12	+825	+4.32	+3,943	+21.00	...	...	

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 12th January 1901.

H. J. DYSON, Major, I.M.S., F.R.C.S.,
Sanitary Commissioner for Bengal.

Supplementary Vital Statistics for October 1900, received too late for publication with the figures of that month on the 8th December 1900.

Division.	District.	Population under registration.	BIRTHS.		DEATHS.														AVERAGE OF CORRESPONDING MONTH OF PREVIOUS FIVE YEARS.	
			Number registered.	Ratio per 1,000 of population per annum.	CHOLERA.		SMALL-POX.		FEVER.		DYSENTERY AND DIARRHOEA.		INJURY.		OTHER CAUSES.		TOTAL OF ALL CAUSES.			
					Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.	Number registered.	Ratio per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Burdwan	Burdwan	1,391,880	4,735	40.80	83	.60	2	.01	3,528	30.36	100	.84	44	.36	806	7.68	4,653	40.08	5,038	26.16
	Total for the whole Province ...	71,069,617	280,966	47.40	14,846	2.40	808	.12	174,281	29.40	6,790	1.08	3,256	.48	43,353	7.32	243,334	41.04	192,934	32.52
	Average of corresponding month of previous five years.	...	248,957	42.00	7,337	1.20	364	.06	145,814	24.60	3,732	.60	3,261	.48	32,426	5.40	192,684	32.52	...	...
	Difference + or - ... ..	...	+31,009	+5.40	+7,509	+1.20	+444	+0.05	+28,467	+4.80	+3,058	+0.48	-5	Equal.	+10,927	+1.92	+50,400	+8.52	...	...
District.	Town.																			
Burdwan	Burdwan	34,477	55	19.08	3	.06	...	...	61	21.12	20	6.96	4	1.32	25	8.64	113	39.24	101	35.04
	Total of all towns with a population of 20,000 and over.	2,253,333	5,281	28.08	611	3.24	34	.12	4,535	24.12	1,087	5.76	114	.60	2,702	14.64	9,143	48.60	6,673	35.52
	Average of corresponding month of previous five years.	...	5,508	29.28	406	2.16	10	.04	3,411	18.12	764	3.96	110	.48	1,972	10.44	8,673	35.52	...	...
	Difference + or - ... ..	...	-227	-1.20	+205	+1.08	+24	+0.08	+1,124	+6.00	+323	+1.80	+4	+0.12	+790	+4.20	+2,470	+13.08	...	...

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 12th January 1901.

H. J. DYSON, Major, I.M.S., F.R.C.S.,
Sanitary Commissioner for Bengal.

IRRIGATION DEPARTMENT, BENGAL.
IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1900-1901.
Areas leased for Irrigation up to end of November 1900.

CIRCLE.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	DETAILS OF AREAS LEASED.								Rainfall, 1900-1901.		Rainfall, 1899-1900.		REMARKS.
								Long-term leases.	Season leases.					Grand Total.	During month.	Up to end of month.	During month.	Up to end of month.		
									Kharif.	Rabi.	Sugarcane.	Bhadol.	Hot-weather.						Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
ORISSA	Cuttack	Talanda, 1st reach ...	1,842	657	43	18,309	18,331	18,186	123	.....	.....	.....	.....	123	18,309	0'00	68'50	0'00	55'51	Kulesi.
		Ditto, 2nd ..	506	209	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0'00	59'58	0'00	35'50	Bala.
		Machgaon ...	766	448	260	37,156	36,084	36,885	271	.....	.....	.....	.....	271	37,156	0'00	60'91	0'00	42'28	Jagatsingpur.
		Kendrapara ...	1,067	906	372	52,784	52,820	49,181	3,582	21	.....	.....	.....	3,603	52,784	0'25	55'73	0'00	56'14	Kendupatna.
		Gobri ...	373	94	74	3,744	3,749	3,744	.....	.....	.....	.....	.....	.....	3,744	0'00	61'53	0'00	53'22	Marsaghal.
		Do. Extension ...	648	69	46	3,330	3,457	3,330	.....	.....	.....	.....	.....	.....	3,330	0'00	85'12	0'00	50'52	Ichapur.
		Patamundi ...	885	192	122	15,620	14,731	14,760	869	.....	.....	.....	.....	869	15,620	0'04	66'33	0'00	57'61	Nurtang.
		High Level, Range I ...	608	285	102	22,556	22,894	22,576	.....	.....	7	.....	.....	7	22,583	0'18	58'62	0'00	55'00	Janspur.
		Ditto, do. II ...	727	39	18	3,258	3,045	2,937	321	.....	.....	.....	.....	321	3,258	No gauge.				
		Jajpur Canal, including Dudhai Channel...	700	101	95	10,006	10,863	9,796	124	.....	70	.....	.....	194	9,990	0'10	75'15	0'00	52'46	Jajpur.
	Balasore	High Level, Range III ...	727	200	74	31,523	30,942	30,483	.....	201	443	.....	.....	644	31,127	0'02	86'11	0'00	56'03	Akhoyapada.
		Total ...	.....	.....	.....	198,316	196,816	191,878	5,281	222	520	.....	.....	6,023	197,901	.....	.....	.....	.....
		Total of the corresponding period of last year ...	.....	.....	.....	.....	.....	169,514	23,005	1	203	3,618	234	27,061	190,575	.....	.....	.....	.....
			
SOUTH-WESTERN.	Midnapore	Midnapore ...	1,411	370'90(a)	336'01	70,409	62,185	61,855	8,561	.....	.....	.....	.....	8,561	70,416	0'00	63'15	0'00	65'49	(a) 29 days discharging.
		Panchkura ...	522	58'41(b)	49'22	9,019	2,404	7,749	1,275	.....	.....	.....	.....	1,275	9,024	0'00	60'34	0'00	74'59	(b) 27 ..
	Howrah	Tidal Reaches, Ranges I & II ...	.....	.....	.....	1,635	131	1,467	168	.....	.....	.....	.....	168	1,635	0'00	66'27	.....	.....
		Total ...	.....	.....	.....	81,123†	64,720	71,071	10,004*	.....	.....	.....	.....	10,004	81,075	.....	.....	.....	.....
SONB	Shahabad	Western Main ...	4,342	3,493	373	20,589	24,720	12,966	6,623	4,409	.....	.....	370	11,402	24,348	0'00	30'91	0'00	46'29	
		Ruzar ...	1,226	608	139	88,707	97,246	64,907	16,943	8,139	.....	.....	2,643	27,725	92,632	.....	.....	.....	.....
		Arrah ...	2,000	2,382	615	165,388	180,757	135,736	13,460	9,609	.....	.....	10,786	33,945	169,681	0'00	35'34	0'00	50'68	
		Eastern Main ...	.....	.....	.....	2,907	3,256	1,923	805	33	.....	.....	.....	808	2,821	0'00	42'43	0'00	51'16	
	Patna and Gaya.	Patna ...	1,466	1,402	205	84,451	83,674	62,339	16,366	1,595	.....	.....	1,273	19,253	81,591	.....	.....	.....	.....
		Total ...	.....	.....	.....	362,042	389,653	277,871	54,277	23,873	.....	.....	15,072	93,222	371,093	.....	.....	.....	.....
		Total of the corresponding period of last year ...	.....	.....	.....	.....	.....	272,231	42,601	51,388	.....	.....	22,009	115,998	388,219	.....	.....	.....	.....
		GRAND TOTAL ...	.....	.....	.....	641,481	651,189	540,820	69,562	24,095	520	.....	15,072	109,249	650,069	.....	.....	.....	.....
		Grand Total of the corresponding period of last year ...	.....	.....	.....	.....	.....	512,113	65,606	61,389	203	3,618	22,243	143,059	655,179	.....	.....	.....	.....

* This represents the area under provisional license.

† Includes 216 acres irrigated by single watering and not included under column of leases.

CALCUTTA,
The 15th January 1901.

A. H. C. MACCARTHY,
Under-Secy. to the Govt. of Bengal.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JANUARY 16, 1901.

(Revised.)
IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of October 1900, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1900-1901.			TOLLAGE, 1899-1900.		
	During the month.		To end of the month.	During the month.		To end of the month.
1	2	3	4	5	6	7
<i>Orissa Circle.</i>	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldanda Canal System	804 4 0	14,835 13 10	741 8 9	6,695 10 6		
Kendrapara ditto	4,211 14 3	21,434 3 9	5,681 1 3	37,201 0 4		
High Level, Range I	877 6 0	5,875 4 3	1,003 14 3	7,575 14 3		
Ditto " II	172 1 9	1,561 9 0	205 10 6	1,711 14 9		
Ditto " III	50 12 9	464 15 6	84 14 6	885 5 9		
Jajpur Canal	42 11 0	181 15 9	18 11 9	242 9 6		
Total Orissa Circle	6,159 1 9	44,353 14 1	7,735 13 0	54,312 7 1		
<i>South-Western Circle.</i>						
Midnapore Canal	7,472 6 0	50,174 7 0	8,697 2 3	57,176 2 9		
Hijili Tidal Canal	3,383 9 3	29,798 9 0	3,871 1 3	33,446 15 0		
Total South-Western Circle	10,855 15 3	79,973 0 0	12,568 3 6	90,623 1 9		
<i>Sone Circle.</i>						
Patna Canal System	736 4 6	8,584 13 11	4,877 15 3	28,870 7 3		
Arrah ditto	688 8 9	9,621 2 9	2,545 3 3	17,996 15 6		
Buxar ditto	435 5 0	6,812 9 6	1,640 1 9	9,385 1 6		
Total Sone Circle	1,860 2 3	25,018 10 2	9,063 4 3	56,252 8 3		
GRAND TOTAL	18,875 3 3	1,49,345 8 3	29,367 4 9	2,01,188 1 1		

Government Transport Service.

CANAL.	TOLLAGE, 1900-1901.						TOLLAGE, 1899-1900.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total cepts.	Passengers.	Goods.	Total cepts.	Passengers.	Goods.	Total cepts.	Passengers.	Goods.	Total cepts.
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level	.....	...	.....	.....	.....	...	1,613	324	6,077 13 0	44,036	2,884	46,345 3 0
Total Orissa Circle	.....	...	.....	.....	.....	.....	1,613	324	6,077 13 0	44,036	2,884	46,345 3 0

Assessed Tollage Receipts.

CANALS.	EARNINGS, 1900-1901.			EARNINGS, 1899-1900.		
	During the month.		To end of the month.	During the month.		To end of the month.
1	2	3	4	5	6	7
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals	6,159 1 9	44,353 14 1	13,813 10 0	1,00,657 10 1		
Midnapore Canal	7,472 6 0	50,174 7 0	8,697 2 3	57,176 2 9		
Hijili Tidal Canal	3,383 9 3	29,798 9 0	3,871 1 3	33,446 15 0		
Sone Canals	1,860 2 3	25,018 10 2	9,063 4 3	56,252 8 3		
Total	18,875 3 3	1,49,345 8 3	35,445 1 0	2,47,533 4 1		

* This is in supersession of the statement for October 1900 which was published in page 2050 of the Supplement to the Calcutta Gazette of 12th December 1900.

CALCUTTA,
The 15th January 1901.

A. H. C. MACCARTHY,
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of November 1900, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1900-1901.			TOLLAGE, 1899-1900.		
	During the month.	To end of the month.		During the month.	To end of the month.	
1	2	3		4	5	
<i>Orissa Circle.</i>	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	
Taldanda Canal System	613 13 6	15,449 11 4		629 10 10	7,325 5 4	
Kendrapara ditto	5,066 11 9	26,500 15 6		5,783 3 2	42,984 3 6	
High Level, Range I	734 0 9	6,609 5 0		321 8 9	7,897 7 0	
Ditto, " II	125 12 9	1,687 5 9		97 6 0	1,809 4 9	
Ditto, " III	28 0 3	492 15 9		35 2 0	920 7 9	
Jajpur Canal	40 6 9	222 6 6		22 5 3	264 14 9	
Total Orissa Circle	6,608 13 9	50,962 11 10		6,889 4 0	61,201 11 1	
<i>South-Western Circle.</i>						
Midnapore Canal	8,303 13 3	58,478 4 3		8,313 13 9	65,490 0 6	
Hijili Tidal Canal	2,225 2 6	32,023 11 6		2,509 4 0	35,956 3 0	
Total South-Western Circle	10,528 15 9	90,501 15 9		10,823 1 9	1,01,446 3 6	
<i>Sone Circle.</i>						
Patna Canal System	849 13 6	9,434 11 5		2,557 15 6	31,428 6 9	
Arrah ditto	655 4 9	10,276 7 6		1,748 7 3	19,745 6 9	
Buxar ditto	425 11 3	7,238 4 9		1,195 12 6	10,580 14 0	
Total Sone Circle	1,930 13 6	26,949 7 8		5,502 3 3	61,754 11 6	
GRAND TOTAL	19,068 11 0	1,68,414 3 3		23,214 9 0	2,24,402 10 1	

Government Transport Service.

CANAL.	TOLLAGE, 1899-1900.						TOLLAGE, 1898-99.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passen- gers.	Goods.	Total re- ceipts.	Passen- gers.	Goods.	Total re- ceipts.	Passen- gers.	Goods.	Total re- ceipts.	Passen- gers.	Goods.	Total re- ceipts.
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level	.....	...	.....	.....	.....	.....	1	...	4 8 0	41,037	2,884	46,349 11 0
Total Orissa Circle	.....	...	.....	.....	.....	.....	1	...	4 8 0	41,037	2,884	46,349 11 0

Assessed Tollage Receipts.

CANALS.	EARNINGS, 1900-1901.			EARNINGS, 1899-1900.		
	During the month.	To end of the month.		During the month.	To end of the month.	
1	2	3		4	5	
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	
Orissa Canals	6,608 13 9	50,962 11 10		6,893 12 0	1,07,551 6 1	
Midnapore Canal	8,303 13 3	58,478 4 3		8,313 13 9	65,490 0 6	
Hijili Tidal Canal	2,225 2 6	32,023 11 6		2,509 4 0	35,956 3 0	
Sone Canals	1,930 13 6	26,949 7 8		5,502 3 3	61,754 11 6	
Total	19,068 11 0	1,68,414 3 3		23,219 1 0	2,70,752 5 1	

CALCUTTA,
The 15th January 1901.

A. H. C. MACCARTHY,
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of November 1900, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1900-1901.		TOLLAGE, 1899-1900.	
	During the month.	To end of the month.	During the month.	To end of the month.
1	2	3	4	5
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals	35,422 5 0	1,84,470 11 0	33,418 3 9	1,92,360 8 3
Tolly's Nala	6,978 6 3	55,257 12 6	8,170 15 3	54,747 3 6
Total ..	42,400 11 3	2,39,728 7 6	41,589 3 0	2,46, 07 11 9
Orissa Coast Canal ..	4,670 7 0	28,706 1 3	3,702 9 3	29,166 5 0
Nadia Rivers ..	1,423 6 0	82,715 4 6	6,823 14 0	85,447 4 6
GRAND TOTAL ..	56,494 8 9	3,51,119 13 3	52,115 10 3	3,64,361 5 3

CALCUTTA,
The 15th January 1901.

A. H. O. MACCARTHY,
Under-Secy. to the Govt. of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 5th January 1901, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 5TH JANUARY 1901.			WEEK ENDING SATURDAY, THE 6TH JANUARY 1900.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	915	1,77,950	3,050	1,559	1,92,050	2,959
Jute	229	1,08,450*	1,614	304	45,300	770
Firewood	86	72,150	1,011	99	75,500	1,141
Other articles	678	1,53,800	2,019	792	1,71,025	2,335
Total	1,908	5,12,350	7,774	2,545	4,85,525	7,205

* Weight by canal measurement - 98,287½ maunds.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 12th January 1901, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 12TH JANUARY 1901.			WEEK ENDING SATURDAY, THE 13TH JANUARY 1900.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,009	1,83,650	2,947	1,448	2,34,850	5,539
Jute	185	69,025*	1,551	211	41,000	718
Firewood	47	29,900	452	49	45,900	685
Other articles	829	1,91,375	2,481	858	1,75,750	2,449
Total	2,070	4,73,950	6,931	2,446	6,00,500	9,441

* Weight by canal measurement - 65,775 maunds.

BENGAL-NAGPUR RAILWAY.

Abstract of principal commodities carried during the month of May 1900 as compared with the corresponding period of the previous year.

ARTICLES.	1900.		1899.		Total, 1900.	Total, 1899.	Increase.	Decrease.
	Up.	Down.	Up.	Down.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
I.—Apparel, including drapery, haberdashery, millinery, uniforms, &c. contrabands, boots and shoes.	8	7	.....	.....	15	.....	15	.....
II.—Coal and coke carried for the public and foreign railways.	31,264	27,261	12,860	33,474	68,528	52,334	6,194	.....
III.—Cotton—								
1. Raw	543	227	200	460	770	600	110	.....
2. Manufactured—								
(a) Twist and yarn, European	58	101	6	63	162	71	21	.....
(b) Ditto, Indian	131	302	80	407	440	498	.....	56
(c) Piece-goods, European	15	18	110	41	33	151	.....	118
(d) Ditto, Indian	45	167	50	180	211	216	.....	4
(e) Others	18	12	.....	.....	30	.....	30	.....
IV.—Chemicals excepting saltpetre	8	5	.....	.....	13	.....	13	.....
V.—Drugs—								
1. Intoxicating, other than opium.	4	5	2	1	9	3	6	.....
2. Non-intoxicating—								
(a) Medicinal preparations	2	2	.....	.....	4	.....	4	.....
(b) Others	28	13	7	3	51	10	41	.....
VI.—Dyes and Tans—								
1. Al (morinda citrifolia) ..	.....	.....	.....	.....	.....	.....	.....	.....
2. Alizarine and aniline dyes	2	2	2	1	4	3	1	.....
3. Cutch	18	14	4	4	32	8	24	.....
4. Indigo	9	7	1	1	16	2	14	.....
5. Myrabolams	2,260	165	1,312	72	2,425	1,384	1,041	.....
6. Tanning barks	.....	.....	.....	.....	.....	.....	.....	.....
7. Turmeric	68	52	94	32	120	126	.....	6
8. Others	43	12	25	14	65	42	23	.....
VII.—Fodder—								
1. Oilcake	14	8	.....	.....	22	.....	22	.....
2. Hay, straw and grass	2,745	267	.....	.....	3,012	.....	3,012	.....
VIII.—Fruits and vegetables, fresh	2,508	412	.....	.....	3,010	.....	3,010	.....
IX.—Grain and Pulse—								
1. Gram and pulse	13,808	1,302	1,086	503	15,200	2,679	12,621	.....
2. Jowar and bajra	44	18	.....	13	57	13	40	.....
3. Rice in the husk	5,412	801	2	59	6,213	61	6,152	.....
4. " " not in the husk	25,212	3,290	9,380	1,136	34,592	10,626	27,976	.....
5. Wheat	2,815	225	5,834	142	3,070	5,976	.....	2,906
6. " flour	122	60	.....	.....	182	.....	182	.....
7. Others	1,482	290	10	5	1,772	15	1,757	.....
X.—Hides and skins—								
1. Hides of cattle—								
(a) Dressed or tanned	.....	.....	.....	.....	.....	.....	.....	.....
(b) Raw	95	1,158	67	399	1,253	499	757	.....
2. Skins of sheep and other animals—								
(a) Dressed or tanned	.....	.....	.....	.....	.....	.....	.....	.....
(b) Raw	6	8	1	2	14	3	11	.....
XI.—Horns	9	10	18	9	19	27	.....	8
XII.—Hemp (Indian) and other fibres, excluding jute.	12	685	1	.....	697	1	696	.....
XIII.—Jute—								
1. Raw	8	3	1	.....	11	1	10	.....
2. Gunny-bags and cloth	346	294	142	134	480	276	274	.....
XIV.—Lac	316	618	72	299	664	371	593	.....
XV.—Leather—								
1. Unwrought	2	4	8	2	6	10	.....	4
2. Wrought excepting boots and shoes.	12	8	.....	.....	20	.....	20	.....
XVI.—Liquors—								
1. Ale and beer	58	29	9	54	87	63	24	.....
2. Spirits of all kinds, including country spirit.	8	18	3	5	26	8	18	.....
3. Wines	84	61	10	2	145	12	133	.....
4. All other sorts, including toddy and fermented liquors, other than ale and beer.	.....	.....	.....	.....	.....	.....	.....	.....
XVII.—Metals—								
1. Brass, unwrought	3	1	.....	1	4	1	3	.....
2. " wrought	184	30	9	14	214	23	191	.....
3. Copper, unwrought	.....	.....	.....	1	1	.....	.....	1
4. " wrought	7	5	1	1	12	2	10	.....
5. Iron and steel—								
(a) Cast	24	25	1	.....	50	1	58	.....
(b) Unwrought	24	46	.....	62	70	62	8	.....
(c) Wrought	684	291	88	81	975	169	806	.....
(d) Manufactures	274	58	68	84	342	152	190	.....
6. Others	48	29	6	18	77	24	53	.....
XVIII.—Oils—								
1. Kerosine	345	140	410	107	485	517	.....	32
2. Castor	12	18	6	8	30	14	16	.....
3. Coconut	5	18	10	2	20	12	8	.....
4. Mustard and rape	28	18	16	1	46	17	29	.....
5. Others	68	43	32	4	111	36	75	.....

ARTICLES.	1900.		1899.		Total, 1900.	Total, 1899.	Increase.	Decrease.
	Up.	Down.	Up.	Down.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
XIX.—Oilseeds—								
1. Castor	60	9	53	115	75	168	...	93
2. Earthnuts	12	13	1	3	25	4	21	...
3. Linseed	184	110	548	69	294	617	...	323
4. Poppy	6	4	19	2	10	21	...	11
5. Rape and mustard	15	49	150	461	64	619	...	555
6. Til or linjil	481	90	379	1,108	571	1,487	...	916
7. Others	305	165	12	147	669	159	411	...
XX.—Opium	1	1	5	...	2	5	...	3
XXI.—Paper and pasteboard	45	69	36	2	114	38	76	...
XXII.—Provisions—								
1. Dried fruits and nuts	42	20	221	43	62	264	...	202
2. Ghee	9	6	11	173	15	184	...	169
3. Others	48	265	316	180	313	406	...	153
XXIII.—Railway plant and rolling-stock carried for the public and foreign railways—								
1. Locomotive engines and ten- ders and parts thereof.	22	6	25	2	28	27	1	...
2. Carriages and trucks and parts thereof.	2	1	...	...	3	...	3	...
3. Materials— (a) Steel rails and fish- plates.	28	10	...	...	38	...	38	...
(b) Sleepers and keys of steel and cast-iron.	...	...	...	...	...	...	...	...
(c) Others	747	1,231	776	5,116	1,668	5,885	...	3,918
XXIV.—Salt	1,245	2,066	1,629	3,751	3,311	5,380	...	2,069
XXV.—Saltpetre and other saline sub- stances—								
1. Saltpetre	18	5	1	1	23	2	21	...
2. Other saline substances	34	21	25	29	65	45	10	...
XXVI.—Silk—								
1. Raw— (a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian	45	46	5	3	91	8	83	...
2. Piece-goods— (a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	1	...	...	1	...	1
XXVII.—Spices—								
1. Betel-nuts	72	78	156	14	150	170	...	20
2. Cardamoms	5	3	1	...	8	1	7	...
3. Chillies	145	49	5	101	194	106	88	...
4. Ginger	4	3	3	2	7	4	3	...
5. Pepper	8	5	4	1	13	5	8	...
6. Others	35	46	141	28	81	160	...	88
XXVIII.—Stone and lime	136	1,104	138	2,436	1,240	2,368	...	1,128
XXIX.—Sugar—								
1. Refined or crystallized, including sugarcandy.	185	139	166	51	324	217	107	...
2. Unrefined— (a) Sugar ... ..	...	...	...	...	...	...	...	...
(b) Gur, rab, molasses, jag- gery and other sac- charine produce.	156	38	281	49	224	280	...	56
XXX.—Tea—								
1. Foreign ... ..	...	...	...	...	...	...	...	...
2. Indian	2	1	3	23	3	26	...	23
XXXI.—Tobacco—								
1. Unmanufactured	149	72	125	77	221	202	19	...
2. Manufactured— (a) Cigars	6	4	1	1	10	2	8	...
(b) Other sorts	32	9	8	5	41	13	28	...
XXXII.—Wood—								
1. Timber, unwrought	612	409	1,193	1,819	1,641	3,012	...	1,671
2. Manufactured	568	429	...	...	997	...	997	...
XXXIII.—Wool—								
1. Raw	1	1	1	2	2	3	...	1
2. Manufactured	6	4	...	...	10	...	10	...
(a) Carpets and rugs	2	...	...	...	2	...	2	...
(b) Piece-goods, European ... ..	...	2	...	...	2	...	2	...
(c) Ditto, Indian	4	8	2	1	12	3	9	...
(d) Other sorts of manufac- tures.	2	2	...	...	4	...	4	...
XXXIV.—All other articles of merchandise—								
1. Firewood	145	156	867	356	301	793	...	422
2. Bamboos	607	227	794	226	734	1,620	...	286
3. Moha	942	809	747	75	1,751	822	929	...
4. Others	435	575	676	1,125	1,010	1,801	...	791
Total	109,239	46,966	41,022	61,881	156,265	103,303	69,266	16,364
							Net ...	52,902

Calcutta, the 11th December 1900.

L. GREENHAM,
For Auditor, B.-N. Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for last 9 days of December 1900, on 1,837.09 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total Traffic for the period ...	377,662	Rs. 4,76,432 1 0	Mds. 68,26,610 10	Rs. 11,55,194 9 0	Rs. 31,518 0 0	Rs. 16,63,134 10 0	133,172	223,088	356,260
Or per mile of Railway	259 5 4	259 5 4	628 13 1	628 13 1	17 2 6	905 4 11	...	...	...
For previous 25 weeks of half-year.	8,808,076*	Rs. 99,27,341 7 0	Mds. 12,12,92,769 20†	Rs. 2,05,62,805 2 0	Rs. 4,03,117 0 0†	Rs. 3,09,83,263 9 0	2,075,278‡	4,543,204‡	7,221,072‡
Total for 26½ weeks	9,285,738	1,04,03,763 8 0	12,81,19,379 30	2,17,17,999 11 0	5,24,635 0 0†	3,24,46,338 5 0	2,811,430	4,772,377	7,583,807
COMPARISON.									
Total for corresponding 8 days of previous year.	339,134‡	Rs. 4,30,312 13 9	Mds. 61,19,675 20	Rs. 11,09,287 12 9	Rs. 42,779 11 0	Rs. 16,72,380 5 6	101,744‡	215,351‡	326,095‡
Per mile of Railway corresponding period of previous year.	...	251 8 9	...	701 1 0	25 0 1	977 9 10	...	...	...
Total for corresponding 26½ weeks of previous year.	8,441,091	94,23,628 8 0	12,08,31,773 30	2,21,05,773 4 3	5,50,149 7 3	3,10,09,545 4 0	2,546,093‡	4,681,220‡	7,221,270‡

(a) The decrease is chiefly due to heavier upward despatches of food-grains in the corresponding period of 1899.

Added No. of passengers 3,112 and Rs. 24,338 on account of difference between the approximate and audited figures for the week ended 17th November 1900.			
Do.	do.	8,000 and	1,03,720 on account of special and extra troop trains, &c., not having been included in previous returns.
Do.	do.	and	2,325 on account of value of passes issued to employees of Construction Line.
Do.	Mds.	10,395 and	27,000 on account of short inclusion in approximate return for week ended 8th December 1900.
Do.	do.	2,10,000 and	14,000 on account of baggage on wagons.
Do.	do.	2,30,003 and	70,000 on account of Foreign inward invoices not having been included in previous returns.
Do.	do.	2,34,098 and	17,933 on account of difference between the approximate and audited figures for the week ended 17th November 1900.
Do.	do.	and	11,06,519 on account of rebate on coal for the half-year.
Do.	do.	and	15,000 on account of demurrage to be written off.
Do.	do.	and	6,836 on account of traffic carried in excess over E. I. Ry. route reserved for payment to Foreign Railways.
Do.	do.	and	1,332 on account of difference between the approximate and audited figures for the week ended 17th November 1900.
Do.	do.	and	1,08,439 not having been included in previous returns.
Do.	do.	and	1,74,948 on account of hire and demurrage of vehicles, which have been shown as a credit to expenditure.

* Audited figures up to 17th November 1900.

1900.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No. Rate.
1,836.18 ...	Week ended 7th July ...	420,095	4,08,052	67,60,058	9,23,211	12,864	14,16,727	772	398,408
1,836.13 ...	" " 14th " "	882,633	5,76,096	49,63,181	9,21,059	21,241	13,19,896	719	297,447
1,837.09 ...	" " 21st " "	337,910	3,58,782	47,94,842	8,85,140	19,504	12,08,426	685	297,511
1,837.09 ...	" " 28th " "	344,710	3,40,133	56,89,349	9,27,060	19,375	12,92,509	704	294,959
1,837.09 ...	" " 4th Aug. "	302,321	4,51,735	45,10,233	8,18,984	18,857	12,92,576	704	300,429
1,837.09 ...	" " 11th " "	307,079	4,02,527	46,65,767	8,32,762	21,165	12,56,854	684	293,475
1,837.09 ...	" " 18th " "	344,267	3,61,027	44,25,720	7,51,030	19,220	11,39,247	620	283,313
1,837.09 ...	" " 25th " "	323,975	3,33,103	46,00,273	7,02,206	24,415	11,19,724	619	276,833
1,837.09 ...	" " 1st Sept. "	331,175	4,00,793	45,34,075	7,85,359	21,048	12,07,180	657	277,093
1,837.09 ...	" " 8th " "	410,042	4,27,736	47,33,338	8,05,909	21,055	12,57,481	684	291,731
1,837.09 ...	" " 15th " "	369,111	3,68,043	47,41,478	7,94,511	15,929	11,78,825	642	282,491
1,837.09 ...	" " 22nd " "	378,288	3,24,581	38,32,064	6,03,632	17,800	9,43,009	515	274,061
1,837.09 ...	" " 29th " "	372,820	3,09,337	40,31,663	6,02,892	22,351	10,84,589	530	258,465
1,837.09 ...	" " 5th Oct. "	353,442	3,52,638	35,43,023	6,70,859	19,325	10,72,822	584	260,726
1,837.09 ...	" " 12th " "	344,354	3,62,351	44,54,178	7,80,793	19,194	11,75,343	610	272,889
1,837.09 ...	" " 19th " "	344,107	3,08,586	56,29,974	10,00,656	23,854	14,26,336	770	281,667
1,837.09 ...	" " 26th " "	339,744	3,45,070	45,02,040	8,51,486	22,494	12,19,056	684	291,632
1,837.09 ...	" " 3rd Nov. "	308,111	4,22,057	44,76,546	9,64,942	21,118	14,88,117	706	306,240
1,837.09 ...	" " 10th " "	(a) 432,840	4,82,549	49,67,138	9,65,681	68,448	15,00,569	817	298,350
1,837.09 ...	" " 17th " "	355,937	4,23,897	49,27,333	9,59,107	25,505	14,98,599	781	301,600
1,837.09 ...	" " 24th " "	345,931	4,07,940	50,23,794	9,47,180	24,019	13,79,139	767	297,170
1,837.09 ...	" " 1st Dec. "	332,150	3,68,038	32,40,553	6,67,093	23,210	13,54,860	749	339,280
1,837.09 ...	" " 8th " "	327,833	3,73,480	62,92,387	9,74,168	20,787	13,64,435	743	305,682
1,837.09 ...	" " 15th " "	331,750	2,78,168	54,14,400	9,97,061	21,878	13,07,047	769	304,083
1,837.09 ...	" " 22nd " "	324,139	3,03,144	65,04,467	10,10,003	21,273	14,24,099	775	303,038
1,837.09 ...	Last 9 days of	397,609	4,76,422	68,26,610	11,55,193	31,518	16,63,135	905	362,235
1,837.09 ...	Suppl. for 31st	8,000	1,03,645	4,49,000	-10,22,235	-66,639	-9,26,219	-6.4	...
Totals up to date		9,285,738	1,04,03,763	12,81,19,380	2,17,18,000	5,24,635	3,26,46,398	676	7,583,827

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899—concluded.

1899.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No. Rate.
1,710.07	8 days of July	425,807	4,54,371	45,59,139	8,06,050	10,693	12,77,124	747	297,418
1,710.07	Week ended 15th July	303,619	3,51,956	42,12,629	6,87,306	13,140	10,51,402	615	294,918
1,710.07	" " 22nd " "	346,546	3,37,012	35,12,974	6,08,241	13,085	9,38,338	590	236,052
1,710.07	" " 29th " "	306,060	3,05,155	34,23,200	5,78,387	12,912	8,06,754	524	235,668
1,710.07	" " 5th Aug. "	308,802	3,31,852	39,53,345	6,39,140	14,850	9,83,851	576	243,941
1,710.07	" " 12th " "	313,033	2,91,982	37,22,186	6,43,601	13,016	9,49,559	585	244,678
Adjustments on account of previous period.									
1,710.07	" " 19th " "	396,970	2,91,935	39,39,581	6,37,519	22,761	9,72,295	593	243,174
1,710.07	" " 26th " "	313,506	2,78,251	41,31,908	6,80,028	24,138	9,91,417	589	240,491
1,710.07	" " 2nd Sept. "	289,208	2,76,592	48,51,418	7,70,919	21,518	10,61,689	626	254,870
1,710.07	" " 9th " "	291,974	2,67,986	46,75,914	8,16,966	22,590	11,06,641	617	264,104
1,710.07	" " 16th " "	316,412	3,31,326	44,47,736	8,50,448	24,271	12,04,945	784	277,838
1,710.07	" " 23rd " "	345,177	3,74,256	45,67,671	9,12,071	23,802	13,09,129	765	286,475
1,710.07	" " 30th " "	324,546	3,33,116	52,82,751	9,81,303	19,896	13,04,430	763	286,128
1,710.07	" " 7th Oct. "	337,348	3,64,639	46,79,178	9,56,735	20,452	13,50,223	789	295,339
1,710.07	" " 14th " "	331,308	3,52,629	47,34,397	8,49,635	31,053	12,73,373	744	284,163
1,710.07	" " 21st " "	293,424	3,42,679	46,00,887	9,03,931	24,008	12,70,608	713	282,497
1,710.07	" " 28th " "	308,345	3,83,081	53,31,353	10,09,143	32,810	14,25,334	833	297,361
1,710.07	" " 4th Nov. "	272,071	3,61,869	46,98,427	9,99,579	37,227	13,88,666	812	293,068
1,710.07	" " 11th " "	(a) 327,568	3,35,112	45,84,451	9,43,362	74,828	14,13,292	827	295,682
1,710.07	" " 18th " "	341,046	3,63,256	46,89,459	9,90,174	35,811	13,98,241	817	295,790
1,710.07	" " 25th " "	338,813	4,06,248	54,44,537	10,54,509	38,045	15,27,453	893	325,144
1,710.07	" " 2nd Dec. "	311,474	3,67,066	49,49,163	10,59,817	31,193	14,59,011	852	292,235
1,710.07	" " 9th " "	309,139	3,90,390	43,99,969	10,70,811	34,480	13,01,687	878	298,409
1,710.07	" " 16th " "	331,193	3,87,545	51,88,961	10,90,018	59,155	15,36,718	838	291,534
1,710.07	" " 23rd " "	221,939	3,94,771	40,80,448	12,52,803	40,933	14,88,539	870	292,483
1,710.07	Last 8 days of	239,134	4,30,313	61,19,076	11,09,288	42,779	16,74,390	978	304,083
1,710.07	Suppl. for 31st	13,318	68,710	8,51,092	-8,42,603	-2,26,647	-10,37,640	-691	...
Totals up to date		8,441,091	92,23,628	12,08,31,774	2,21,05,773	5,50,149	3,10,09,545	711	7,221,277

* Audited figures.

† Rs. 1,70,137 Added on account of rebate on coal deducted from returns from 1st July to 12th August 1899.

‡ Rs. 43,826—Bottle ditto of mileage and demurrage not having been included in returns from 1st July to 12th August 1899.

(e) Inclusive of supplemental figures for the quarter ended 31st September.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for last nine days of December 1900, on 162·24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	18,124	17,427 9 0	1,80,115 20	13,815 7 0	85 0 0	31,331 0 0	9,153	4,533	13,686
Or per mile of railway ...	107 6 8	107 6 8	11,045 30 1	85 2 9	0 8 5	193 1 10	.....	.....	.....
For previous 25 weeks of half-year	387,422*	3,80,740 3 0*	14,05,470 30 1	2,17,155 11 0†	6,533 0 0‡	6,04,458 14 0	184,751§	85,535§	270,336
Total for 26½ weeks	405,546	3,98,167 12 0	15,85,586 10	2,31,004 2 0	6,018 0 0	6,35,789 14 0	193,934	90,088	284,022
COMPARISON.									
Total for corresponding 8 days of previous year	16,203‡	13,570 8 1	118,336 20	14,618 9 7	73 4 3	23,282 5 11	7,740	4,486	12,226
Per mile of railway corresponding period of previous year	.....	83 10 4	.....	90 1 8	0 7 3	174 3 3	.....	.....	.....
Total for corresponding 26½ weeks of previous year	442,377‡	4,44,233 12 8	18,89,637 10	3,03,973 7 1	7,038 14 2	7,55,240 1 11	193,261	89,343‡	282,604‡

* Added No. of passengers 111 and Rs. 1,295—On account of special and extra troop trains, &c., not having been included in previous return.
 † Ditto 329 and deducted " 314— Ditto difference between the approximate and audited figures for the week ended 17th November 1900.
 ‡ Deducted Mds. 66,891 and " 1,743— Ditto ditto ditto ditto ditto
 § Do. " 21,38,398 and " 27,900— Ditto revenue coal and stores used on the D. U. K. Railway for the half-year.
 ¶ Added " 1,991—Not having been included in previous returns.
 †† Deducted " 16—On account of difference between the approximate and audited figures for the week ended 17th November 1900.
 ‡ Audited figures up to 17th November 1900.

1900.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
162·24*	Week ended 7th July	19,338	21,175	88,170	11,150	84	32,410	200	11,976	Rs. A. P.
162·24*	" " 14th "	20,299	20,633	98,459	16,400	68	31,100	192	12,904	2 11 4
162·24*	" " 21st "	11,352	19,364	48,874	4,354	70	23,279	84	9,672	2 6 7
162·24*	" " 28th "	12,806	9,563	2,08,023	6,905	83	16,501	102	9,190	1 8 3
162·24*	" " 4th Aug.	14,501	10,672	44,541	3,454	91	14,217	88	9,023	1 12 9
162·24*	" " 11th "	13,967	9,444	3,03,861	8,843	42	18,329	113	10,493	1 9 3
162·24*	" " 18th "	13,755	10,372	1,37,827	4,570	84	15,326	94	9,297	1 11 11
162·24*	" " 25th "	13,442	8,600	2,44,893	5,724	63	14,237	88	8,836	1 10 5
162·24*	" " 1st Sept.	13,446	9,284	3,60,569	5,545	59	15,188	94	9,114	1 10 1
162·24*	" " 8th "	14,627	12,060	1,69,345	7,109	118	20,187	124	11,969	1 13 1
162·24*	" " 15th "	13,196	14,568	1,70,383	8,522	75	23,163	143	12,232	1 14 4
162·24*	" " 22nd "	12,530	12,692	40,757	6,609	56	18,757	116	11,325	1 10 9
162·24*	" " 29th "	15,352	18,265	56,264	9,307	77	27,649	170	11,457	2 6 7
162·24*	" " 6th Oct.	14,932	18,130	78,802	10,514	56	26,706	165	11,452	2 5 4
162·24*	" " 13th "	17,002	18,437	2,51,171	11,816	74	30,337	187	11,023	2 12 0
162·24*	" " 20th "	16,073	17,011	84,040	12,190	101	29,302	181	11,234	2 9 9
162·24*	" " 27th "	14,178	16,694	74,656	12,041	83	28,728	177	11,080	2 9 6
162·24*	" " 3rd Nov.	18,765	22,160	1,47,314	12,868	136	35,164	217	12,196	2 14 3
162·24*	" " 10th "	(a) 18,544	20,679	95,160	12,781	2,850	36,310	224	11,595	3 2 1
162·24*	" " 17th "	16,686	16,732	91,633	14,374	49	31,155	192	11,923	2 9 10
162·24*	" " 24th "	17,090	18,853	1,39,985	12,412	66	31,331	193	10,416	3 0 2
162·24*	" " 1st Dec.	16,316	16,384	1,40,991	11,925	63	28,372	175	10,012	2 13 4
162·24*	" " 8th "	16,470	16,032	1,37,243	12,166	62	28,850	178	10,174	2 13 4
162·24*	" " 15th "	17,629	17,101	1,05,103	14,026	66	31,193	192	11,188	2 12 7
162·24*	" " 22nd "	15,685	14,952	1,60,816	13,630	66	28,648	177	11,522	2 7 9
162·24*	Last 9 days of Suppl. for 31st "	19,124	17,437	1,80,116	15,819	85	31,331	191	13,686	2 4 8
		111	1,295	—21,39,392	—27,200	1,821	—24,014	—148	.....	.....
Totals up to date		405,546	3,98,167	15,85,586	2,31,004	6,018	6,35,789	149	284,022	2 3 10

* Audited figures.

(a) Inclusive of supplemental figures for the quarter ended 30th September.

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899—concluded.

1899.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
162·24	8 days of July	23,811	10,776	72,881	9,173	95	29,047	179	11,953	Rs. A. P.
162·24	Week ended 15th July	20,339	17,554	61,713	8,835	60	26,472	163	9,963	2 6 11
162·24	" " 22nd "	18,730	15,146	54,324	7,189	48	23,363	138	10,214	2 10 7
162·24	" " 29th "	18,029	13,788	63,005	10,609	70	24,427	151	10,117	2 3 1
162·24	" " 5th Aug.	17,505	13,675	94,248	9,742	63	23,480	145	9,757	2 6 8
162·24	" " 12th "	16,675	13,507	76,809	10,502	66	24,145	149	9,985	2 6 6
162·24	" " 19th "	17,407	13,744	76,677	10,932	63	24,739	153	10,352	2 6 11
162·24	" " 26th "	16,287	14,458	1,14,725	16,039	96	33,313	205	10,348	2 6 3
162·24	" " 2nd Sept.	14,582	12,563	1,25,170	18,043	59	28,605	167	10,348	3 3 4
162·24	" " 9th "	16,099	13,747	1,01,258	10,045	79	23,871	147	10,714	2 10 10
162·24	" " 16th "	15,810	17,033	1,40,432	15,320	112	35,465	219	11,315	2 1 9
162·24	" " 23rd "	16,500	25,374	1,07,070	12,156	73	37,603	232	12,132	2 14 9
162·24	" " 30th "	15,314	18,225	77,745	10,991	45	29,491	187	13,722	2 11 10
162·24	" " 7th Oct.	16,465	15,739	89,855	14,372	95	30,283	182	10,695	2 12 2
162·24	" " 14th "	15,977	17,907	84,986	13,931	56	30,294	187	10,885	2 14 8
162·24	" " 21st "	16,936	16,716	75,709	12,057	60	28,832	177	10,139	2 15 10
162·24	" " 28th "	16,329	19,907	89,880	14,307	71	34,288	211	12,254	2 14 6
162·24	" " 4th Nov.	15,659	22,053	1,04,004	15,701	59	37,813	233	12,774	3 2 11
162·24	" " 11th "	(a) 15,071	20,941	87,296	12,625	1,961	35,637	219	11,597	3 5 1
162·24	" " 18th "	16,996	16,012	95,343	12,197	49	28,258	174	10,837	3 0 9
162·24	" " 25th "	16,534	17,863	1,22,803	11,407	44	29,404	181	11,012	3 5 6
162·24	" " 2nd Dec.	16,754	19,609	1,36,991	12,390	84	34,053	198	11,170	2 13 11
162·24	" " 9th "	16,037	19,188	67,046	10,800	62	30,650	185	10,098	2 12 11
162·24	" " 16th "	15,113	16,928	77,921	10,123	95	27,146	167	10,168	2 10 9
162·24	" " 23rd "	16,441	14,918	74,914	10,084	54	25,054	164	10,134	2 7 7
162·24	Last 8 days of Suppl. for 31st "	16,202	13,571	1,15,337	14,618	73	28,203	174	12,326	2 5 0
		—22	4,535	—5,08,116	—19,921	3,397	—4,999	—51	.....	.....
Totals up to date		42,978	4,44,232	18,89,637	3,03,973	7,039	7,55,240	177	282,505	2 10 9

Approximate Return of Traffic for last 9 days of December 1900, on 78.76 miles open.

	Rs.	
Added number of passengers 378, and deducted	446	On account of difference between the approximate and audited figures for the week ended 17th November 1900.
Do.	124	on account of value of passes issued to employees of construction lines.
Deducted Mds. 97,004 and	2,060	on account of revenue, coal and stores used on the S. B. Railway during the half-year.
Ditto .. 10,947 and	693	on account of difference between the approximate and audited figures for the week ended 17th November 1900.
Ditto	11	on account of difference between the approximate and audited figures for the week ended 17th November 1900.
Added	171	not having been included in previous returns.
6 Audited figures up to 17th November 1900.		
(a) Approximate telegraph earnings for the period.		
Less - amount of telegraph earnings for the half-year creditable to E. I. B. proper.		

Abstract of progressive weekly returns of all earnings for 1900 in comparison with 1899.

† Inclusive of supplemental figures for the quarter ended 30th September.

1999.

		Number of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
						1	7			Rs. A. P.
65-00	4 days ended 8th July ...	1,436	417	242	1,560	23	441	1	390	1 2 1
76-79	Week ended 15th ...	8,287	4,240	17,382	1,901	13	5,818	70	1,084	5 5 10
78-76	" " 22nd " ...	8,773	4,442	19,285	1,901	13	6,556	81	1,119	5 11 0
78-76	" " 29th " ...	8,690	3,844	16,792	1,504	10	5,358	68	1,113	5 13 0
78-76	" " 5th August	8,445	4,765	16,885	1,237	25	6,057	77	1,113	5 7 1
78-76	" " 12th " ...	8,190	3,824	20,547	1,459	30	5,290	67	1,113	4 12 1
78-76	" " 19th " ...	7,169	3,290	20,076	1,219	17	5,503	70	1,113	4 15 1
78-76	" " 26th " ...	8,128	3,667	30,086	2,342	17	6,026	77	1,113	5 6 8
78-76	" " 2nd Sept.	8,678	5,191	39,781	2,816	25	7,062	101	1,113	7 2 5
78-76	" " 9th " ...	7,969	3,718	37,359	2,420	25	6,163	78	1,272	4 13 6
78-76	" " 16th " ...	10,686	4,641	47,790	3,149	32	7,802	99	1,590	4 14 6
78-76	" " 23rd " ...	13,607	6,780	34,414	2,860	17	9,057	123	2,385	4 0 6
78-76	" " 30th " ...	14,089	8,630	41,294	2,913	15	11,598	147	2,926	5 3 1
78-76	" " 7th Oct.	12,986	7,297	37,234	3,206	30	10,422	133	2,226	4 11 2
78-76	" " 14th " ...	9,422	4,643	40,508	3,631	31	8,256	109	2,226	3 13 9
78-76	" " 21st " ...	9,468	4,981	46,274	2,740	14	7,675	97	2,226	3 7 2
78-76	" " 28th " ...	10,481	5,414	37,206	3,261	13	8,688	110	2,226	3 16 5
78-76	" " 4th Nov.	10,402	5,451	45,402	3,219	20	8,690	110	2,226	3 14 0
78-76	" " 11th " ...	10,823	5,499	48,527	3,195	83	8,796	111	2,226	3 15 5
78-76	" " 18th " ...	12,074	5,515	50,633	4,509	28	9,042	126	2,226	4 7 9
78-76	" " 25th " ...	11,481	5,045	83,283	6,619	16	11,679	148	2,465	4 11 10
78-76	" " 2nd Dec.	9,374	4,691	42,557	3,328	24	7,443	95	2,404	3 0 4
78-76	" " 9th " ...	9,006	4,178	53,697	4,177	26	8,581	106	2,226	3 12 2
78-76	" " 16th " ...	8,995	3,661	40,926	3,490	19	7,491	95	2,226	3 8 8
78-76	" " 23rd " ...	8,316	4,594	45,089	3,661	19	8,434	108	2,226	3 13 0
78-76	Last 8 days of Suppl. for 31st	11,604	5,636	52,592	5,777	29	9,453	120	2,544	3 11 4
			-73	25,490	4,137	-418	3,648	46	-356	
	Totals up to date ...	251,575	1,23,192	10,06,097	80,001	136	2,03,328	101	46,115	4 6 7

BENGAL CENTRAL RAILWAY COMPANY, "LIMITED."

Approximate Return of Traffic and Mileage for the last 9 days of December 1900, on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the last 9 days of December ...	23,650	18,025 0 0	85,685 0	7,716 0 0	—14,403 0 0†	11,278 0 0	4,809	4,656	9,365
Or per mile of railway per week ...	201	108 0 0†	535 0	43 0 0	—81 0 0	70 0 0	.....	.....	.....
For previous 25 weeks of half-year ...	828,250	3,41,376 0 0	30,23,103 0	3,41,463 0 0	25,443 0 0	7,08,383 0 0	90,278	120,715	210,993
Total for 26 weeks ...	861,906	3,53,401 0 0	31,18,708 0	3,49,178 0 0	10,683 0 0	7,19,561 0 0	101,087	125,271	226,358
COMPARISON.									
Total for corresponding 8 days of previous year ...	29,081	10,325 0 0	49,408 0	762 0 0	8,133 0 0	25,210 0 0	5,824	2,512	8,336
Per mile of railway corresponding week of previous year ...	294	126 0 0	555 0	5 0 0	58 0 0	180 0 0	.....	.....	.....
Total to corresponding date of previous year ...	843,475	3,40,767 0 0	31,57,632 0	2,22,337 0 0	29,499 0 0	5,98,603 0 0	122,951	94,503	217,354

* Audited up to week ending 17th November 1900.

† Coaching traffic calculated on 139 miles only.

‡ Includes adjustment of Rs. 26,753 for hire of vehicles transferred to Abstract G.

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the last 9 days of December 1900, on 1,162 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the period on 1,162 miles open ...	186,570	(a) 64,740	10,95,320	(b) 96,310	(c) 15,360	1,76,390	39,357	(d) 34,025	73,882
Or per mile of railway ...	134.74	55.71	942.62	82.80	13.21	151.72	.....	.....	.....
For previous 25 weeks of half-year (e) ...	3,877,739	14,87,003	1,21,31,588	12,98,391	3,36,600	31,21,054	770,963	637,400	1,417,452
Total for the half-year ...	4,034,290	15,51,803	1,32,16,908	13,94,501	3,51,950	33,99,254	819,319	671,515	1,490,834
COMPARISON.									
Total for corresponding period of previous year on 1,085 miles open ...	137,023	58,841	15,65,735	1,06,448	50,613	2,16,602	30,568	(f) 31,103	61,679
Per mile of corresponding period of previous year ...	125.29	54.88	1,719.57	98.11	46.63	199.64	.....	.....	.....
Total to corresponding date of previous year ...	3,467,298	13,28,120	1,72,66,102	18,11,427	4,08,138	35,47,635	693,263	716,360	1,409,623

(a) Increase under coaching is due to improved traffic generally and one day's earnings more than the corresponding period of last year.

(b) Decrease under goods is due to the traffic last year being abnormal.

(c) " under other earnings is mainly due to the adjustment of Rs. 31,315 on account of mileage and demurrage charge on rolling stock made in the corresponding period of last year.

(d) Includes 4,872 miles of ballast trains run on open line.

(e) " audited figures up to week ending 17th November 1900.

(f) " 2,662 miles of ballast trains run on open line.

SEGOWLIE-RAKSALU BRANCH RAILWAY.

(WORKED BY THE B. & N.-W. RAILWAY.)

Approximate Return of Traffic for the last 9 days of December 1900, on 18 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	No.	Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the period on 18 miles open ...	2,629	501	15,094	505	161	1,104	205	19	324
Or per mile of railway ...	113.72	27.83	838.56	27.50	8.91	61.33	.....	.....	.....
For previous 25 weeks of half-year (a) ...	28,876	5,114	1,58,346	4,366	351	9,831	2,780	1,586	5,366
Total for the half-year ...	30,905	5,615	1,63,440	4,863	452	10,935	3,985	1,705	5,690
COMPARISON.									
Total for corresponding period of previous year on 18 miles open ...	1,603	277	19,153	241	10	528	216	73	289
Per mile of corresponding period of previous year ...	103.78	15.41	1,064.00	13.37	0.56	29.34	.....	.....	.....
Total to corresponding date of previous year ...	11,779	2,348	100,907	2,852	234	5,434	1,760	796	2,556

(a) Includes audited figures up to week ending 17th November 1900.

REGISTERED No. 29.]

No. 4 of 1901.



SUPPLEMENT TO
The Calcutta Gazette.

WEDNESDAY, JANUARY 23, 1901.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by post.]

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THE EMBANKMENT AND DRAINAGE REPORTS FOR THE YEAR
1899-1900.

No. 1201.

GOVERNMENT OF BENGAL—IRRIGATION DEPARTMENT.

IRRIGATION.

Dated Calcutta, the 18th January 1901.

RESOLUTION.

READ—

The Embankment and Drainage Reports for the year 1899-1900.

The expenditure incurred during the year on embankments and drainage works in Bengal, is shown in the following statement:—

	1899-1900. Rs.
I.—Embankments—	
Class A, in Orissa	46,451
Class B, Schedule D, and other Government embankments	2,20,241
Class C, maintained under contract	87,075
Class D, maintained by annual apportionment of charges	13,579
II.—Works undertaken under the provisions of the Drainage Act	11,774
III.—Drainage works carried out at the cost of Government and not under the provisions of the Drainage Act	15,096
IV.—Drainage works carried out under the provisions of the Embankment Act	6,813
Total	4,01,029

2. *I.—Embankments maintained by the Irrigation Department.*—The public embankments in Bengal are of two kinds—

1st.—Embankments the property of Government, which are maintained at the public expense.

2nd.—Embankments maintained by Government officers at the cost of the persons interested.

Of the first kind there are—

A.—The embankments in Orissa, which are maintained under Act XXXII of 1855.

B.—The embankments enumerated in Schedule D of Act VI (B.C.) of 1873, among which are included those of the Burdwan Raj estate taken over by Government in 1804, and some additional lengths which have at various times been added to the schedule under the provisions of section 43 of Act II (B.C.) of 1882, as also three small embankments in the Pabna, Bogra and Purnea districts.

Of the second kind there are—

C.—The embankments of which the cost of maintenance is recovered from the persons interested by the payment of a fixed annual charge under a contract extending over a term of years not exceeding thirty, as provided for in sections 63-68 of Act II (B.C.) of 1882.

D.—The embankments of which the cost of maintenance is recovered from the persons interested by an annual apportionment of the actual charges.

Embankments A in Orissa are also, for departmental purposes, further sub-classed as follows:—

Sub-class I.—Capital or Canal embankments constructed and maintained as part of the Orissa Canal system and intended to be above high flood-level.

II.—Ordinary or Agricultural embankments on large rivers above high flood-level to be maintained permanently at their present height.

Sub-class III.—Embankments of local importance, such as marginal embankments outside canal embankments, which will probably be eventually abandoned.

„ IV.—Embankments of doubtful utility and harmful effect, which it is undesirable to retain.

„ V.—Embankments which have been abandoned and are not repaired.

The capital embankments, sub-class I, are not treated of in this report.

3. *Lengths of embankments and areas protected.*—The lengths of embankments in each class and the areas protected by them are shown below :—

CIRCLE.	Class.			Length.		AREA PROTECTED.
1	2			3		4
				Miles.	Ft.	Acres.
Sone ...	A	...	...	Nil		Nil
	B	...	...	Nil		Nil
	C	...	...	228	3,302	3,655,680
	D	...	...	57	3,910	306,400
	Total	...	...	286	1,932	3,962,080
South-Western ...	A	...	...	42	1,745	67,840
	B	...	...	1,114	1,187	3,433,779
	C	...	...	251	1,694	297,446
	D	...	...	8	1,456	79,571
	Total	...	...	1,416	802	3,878,636
Orissa ...	A	...	...	507	2,702	658,670
	B	...	...	Nil		Nil
	C	...	...	Nil		Nil
	D	...	...	Nil		Nil
	Total	...	...	507	2,702	658,670*
Northern ...	A	...	...	Nil		Nil
	B	...	...	3	4,477	2,427
	C	...	...	Nil		Nil
	D	...	...	6	1,694	17,042
	Total	...	...	10	891	19,469
<i>Abstract.</i>						
	A	...	...	549	4,447	726,510
	B	...	...	1,118	384	3,436,206
	C	...	...	479	4,996	3,953,126
	D	...	...	72	1,780	403,013
GRAND TOTAL				2,220	1,047	8,518,855

* In addition to this, 543,695 acres are efficiently protected by the flood banks of canals and the canal embankments.

In the Orissa Embankments, class A, which are situated in the South-Western Circle, there was a decrease of 2 miles 1,600 feet, due to the abandonment of the embankments in parganas Soro, Simhat, tapo Pasanda and Baleekhand, in the district of Balasore, where the new settlement has come into force. There was no change in the portion of the embankments lying in the Orissa Circle. Revised schedules of the embankments have been prepared by the Superintending Engineer, Orissa Circle, but they have not yet been submitted for approval of Government. In class B Embankments, there was an increase in the Northern Circle of 1,850 feet caused by the addition of the spur embankment constructed along the new channel of the Panar river to protect the civil station of Araria against the encroachment of the river. In

class C, there was a decrease of 136 feet in the South-Western Circle, and in class D a corresponding increase of 136 feet, due to the transfer of the Rajbundi bund maintained for the benefit of Hoodah No. 8 in the Cossye Division, in the Midnapore district.

4. *Floods.*—During the year, there were no high floods in any of the rivers in the Orissa Circle. In the Sone Circle, the floods in the Ganges were of ordinary character. The floods which occurred in the Gandak river on the 29th July 1899 were very high. They did great damage to the Champaran Embankment and breached it in the 31st mile. There were heavy floods in the Bolan river running on the north of the Bazitpur Embankment. They did considerable damage to crops, &c. There were no high floods in any of the rivers in the South-Western Circle, and consequently no damage was done to any of the embankments. In the river Damodar there were six floods, the highest one occurred on the 15th July. It was 2 feet 4 inches lower than the highest flood-level on record. These floods did no injury to the embankments on both banks of the Damodar, but considerably damaged the spurs across the Bangacha and Lakra breaches. At Kumirkhola on the right bank of the Damodar, about 3 miles above the head works of the Eden Canal at Joojooty, the breach formed during the flood of 1898-99 was widened and deepened, and as it threatens to divert the main stream, steps for closing it will be taken next year. In the Ajai river there were also three floods. The highest one occurred on the 15th July 1899. It was 2 feet 5 inches higher than the highest flood on record in 1881. These floods did great damage to the existing river protective works, but the embankments and sluices were safe. It was only in the 6th mile of Schedule D Embankment No. 29 that a serious encroachment was made, and it will be necessary to construct a retired line at this place. The flood in the Bhagirathi was slightly above the average. The river began to rise from 24th May, and on the 3rd August the reading of the Berhampore gauge was 28 feet 8½ inches or 1·02 inches lower than the flood-level of 1898-99, but no injury was done to the Laltakuri bund.

In the Northern Circle, there were very high floods in the Panar river. On the 26th September the highest flood-level was 4·65 feet above the bank. Of the four spur embankments constructed for protecting the civil station at Araria against the encroachment of the Panar river, spur No. I was cut 96 feet inland and spur No. II, 2 feet. No cut was made in spurs Nos. III and IV. The spur of *sal* piles against the earthen bund over the Panar was upset and buried deep under sand. No breaches occurred in the Belwa bunds which were kept in good repair. There were no high floods in any of the rivers in the Malda, Bogra, Pabna and Bhagalpur districts, and consequently no breaches occurred in the embankments.

5. *Original Works.*—During the year Rs. 2,653 were expended in completing the two refuge mounds at Manjeli and Bagalpur on the Sunkarsahi island in the Daib river in Orissa. The raised pathway at Cowpara was also completed. The Bhugwangola retired line in the Nadia Rivers Division in the South-Western Circle, on which Rs. 52,408 were expended during the year 1898-99 was practically completed, except half the turfing and part of the opening left at the Gobra Nadi. A berm was made in the 1st and 2nd portions of the 2nd mile, as also in a portion of the ring bund behind the Gobra crossing. The amount expended during the year was Rs. 11,953. An estimate amounting to Rs. 48,371 has been sanctioned by Government for protecting the country and the Bengal Nagpur Railway in the neighbourhood of Kharagpur from floods in the Cossye river. It provides for raising Embankment No. 97 to 3 feet above the flood of 1898, and for diverting the Orissa Trunk Road along the raised embankment. The work is about to be commenced. Half the cost is to be borne by the Bengal-Nagpur Railway Company, and the other half charged to the grant for agricultural works. In the Northern Circle, Rs. 1,380 were expended for strengthening the spur bunds of the Panar river in the Purnea district. There was no expenditure on original works in the Sone Circle.

6. (a) *Ordinary Repairs.*—In the Orissa Circle the cost of ordinary repairs to Government embankments during the year was Rs. 18,714 as compared with Rs. 17,870 in the previous year, showing an increase of Rs. 844 only, but it was less than the average of the previous five years by Rs. 12,966. In the South-Western Circle the expenditure incurred on ordinary repairs to Schedule D and other Government embankments was Rs. 1,34,622 against Rs. 1,25,523, showing an increase of Rs. 9,099.

The expenditure on embankments in the Burdwan district was Rs. 19,034 against Rs. 18,716, or Rs. 318 more. The increase was due to extensive repairs done to the Damodar and Ajai Embankments and to repairs to spur works at Susanpore and to bungalows on the Ajai Embankment.

In the Hooghly district the cost of repairs was higher, being Rs. 17,409 against Rs. 16,746. The increase of Rs. 663 was due to thorough repairs executed to the Mohisrekha bungalow. In the Midnapore and 24-Parganas districts there was increased expenditure of Rs. 5,645 and Rs. 3,718, respectively. The increase in Midnapore was owing to extensive repairs found necessary to embankments in the Cossye Division, and that in the 24-Parganas was on account of special repairs to some miles of embankments which were in a bad condition in the Seijbaria and Surajpur subdivisions of the Northern Drainage and Embankment Division.

The outlay on the Orissa Embankments in the Balasore district was also higher, being Rs. 10,220 against Rs. 8,749, or Rs. 1,471 in excess. This excess was due to the work of raising the Bhograi Embankment. For raising the sea-dyke crest (Schedule D Embankment No. 39) in the Balasore Division from 128'00 to 129'00, a revised estimate amounting to Rs. 10,170 was sanctioned, and Rs. 5,400 were spent on the work during the year.

The amount spent during the year on repairs to the embankments in the Birbhum, Murshidabad, Nadia and Rajshahi districts was less than that in the previous year. The Government embankments were all maintained in efficient condition during the year.

The outlay incurred during the year on repairs (exclusive of Establishment and Tools and Plant charges) to the C class (Takavi) embankments in the Midnapore district was Rs. 43,377 against Rs. 60,756 in the previous year, showing a decrease of Rs. 17,379. The reduction is due to the absence of expenditure on flood damage repairs.

For maintaining the Joki Takavi Embankment Rs. 427 were spent during the year and charged against "Agricultural" under "43—Minor Works and Navigation." The contracts entered into both for the Midnapore Embankments and this embankment will expire on the 31st March 1901. The total expenditure incurred on the maintenance of the D class Takavi embankments and sluices in the Midnapore, Hooghly and 24-Parganas districts was Rs. 1,179 against Rs. 1,177 in the previous year.

The expenditure on each of this class of embankments, the recoveries made, and the balance remaining uncollected at the end of the year under review have been shown in Appendix C.

In the Sone Circle, where there are no Government embankments, the total expenditure incurred during the year on the C class (Takavi) embankments in the Gandak Division was Rs. 43,271 against Rs. 37,841 in the previous year, showing an increase of Rs. 5,430, which is mainly due to the construction of a retired line at Surajpur in the 31st mile of the Champaran Embankment where a breach occurred. On the Tirhut Embankment the expenditure during the year was Rs. 10,539 against Rs. 11,906 in the previous year, on the Saran Embankment (exclusive of Rs. 639, being cost of Siwan bungalow) Rs. 20,270 against Rs. 19,313, and on the Champaran Embankments Rs. 12,462 against Rs. 6,622, or Rs. 5,840 in excess.

The expenditure incurred on repairs to the D class embankments was Rs. 14,778 against Rs. 8,642 in the previous year. On the Turki Embankment Rs. 8,375 were expended against Rs. 5,944 in the previous year. The increase of Rs. 2,431 is due to the cost of repairing the damage done by the floods of September 1898. The cost of maintaining the Bazitpur and Monghyr Embankments during the year was Rs. 6,224 and Rs. 129, respectively. At the 29th mile of the Bazitpur Embankment the river protective works were repaired, and some new spurs were constructed at a cost of Rs. 1,969. On the maintenance of the Sukri bund in the Gaya district Rs. 50 were expended during the year. The highest flood did not reach its toe. It is now of no use. The income from grass and land is increasing rapidly, and will soon more than cover the cost of maintenance.

In the Northern Circle, Rs. 712 were expended during the year on repairs to the Government embankments in the Malda and Pabna districts against

Rs. 757 in the previous year. There was no expenditure on the embankment in the Bogra district during this year and the previous year. The expenditure on repairs to the D class embankments in the Bhagalpur and Purnea districts was Rs. 901 against Rs. 964.

7. *Breaches*.—Owing to the absence of high floods in the rivers there were no breaches in any of the embankments in the Orissa Circle during the year. In the South-Western Circle Rs. 53,194 were expended for filling breaches and executing flood damage repairs to the embankments in the Burdwan, Hooghly, Midnapore, Murshidabad and 24-Parganas districts against Rs. 51,268 in the previous year. In the Sone Circle there was only one breach in the 31st mile of the Champaran Embankment at Surajpur caused by the rapid encroachment of the river on the land towards the Champaran side. There were no breaches in the embankments in the Northern Circle.

8. *Retired lines*.—In the Orissa Circle the expenditure incurred during the year in constructing retired lines of embankments was only Rs. 1,127, or Rs. 750 less than that of the previous year, which was stated in the report for 1898-99 as the lowest figure for the last five years, the average for which is Rs. 10,584. In the South-Western Circle Rs. 41,202 were expended during the year against Rs. 16,084 in the previous year, showing an increase of Rs. 25,118. The major portion of the retired lines was in the Hooghly district, where the expenditure was less than in the year 1898-99; but in all other districts, viz., Burdwan, Midnapore, Murshidabad, 24-Parganas and Balasore, the cost was much in excess. In the Takavi embankments under contract in the Midnapore district, two retired lines were constructed during the year, one at Monibpore in the 4th mile of No. 1 Cossye Right Embankment, and another at Kutubpore in the 13th mile of No. 3 Cossye Left Embankment, at a cost of Rs. 1,628 and Rs. 1,296, respectively.

There was a total expenditure of Rs. 18,885 in the Sone Circle, of which Rs. 4,176 were expended on a retired line in the 31st mile of the Champaran Embankment, and Rs. 14,709 on two retired lines in the Saran Embankments.

No retired lines were constructed during the year in the Northern Circle, nor was there any expenditure under this head.

9. *River Protective Works*.—About half the whole cost of maintaining the Orissa Embankments was incurred on revetment and river protective works.

The more important of the works of this class were—

Repairs to Katjuri revetment at Cuttack.

Repairs to groynes at Bogla at 7th mile of the Machgong canal.

Repairs to the revetment at Nilkantpur on the Brahmini river, and the construction of a spur at the same place.

Repairs to the protective works on the right bank of the Brahmini river above Jenapur.

The total cost under this head was Rs. 15,633 against Rs. 20,593 in the previous year, or Rs. 4,960 less.

In the South-Western Circle no important river protective works were carried out during the year.

The expenditure during the year on river protective works in the Sone Circle is shown below:—

<i>C Class Embankments.</i>					Rs.
Saran Embankments	...	...	...	...	1,913
Champaran Embankment.	...	...	...	...	1,918
Tirhut Embankment	...	...	...	...	5,976
<i>D Class Embankments.</i>					
Turki Embankment	...	...	...	...	1,481
Bazitpur Embankment	...	...	...	...	1,969
Total				...	13,257

The expenditure on the Saran Embankments protective works was Rs. 1,354 less than that of the previous year. In the Tirhut Embankment it was Rs. 1,589 in excess. In Turki Embankment it was the same as last year, while in the Bazitpur Embankment there was an increase of Rs. 282.

There was no expenditure under this head in the Northern Circle.

10. *Financial.*—The actual cost of repairs to the Orissa Embankments (class A), exclusive of charges for Establishment and Tools and Plant, was Rs. 46,451 against Rs. 49,883 in 1898-99, showing a decrease of Rs. 3,432, the rate per mile being Rs. 84 against Rs. 90. The expenditure on class B embankments was Rs. 2,20,241 against Rs. 1,84,883, or at the average mileage rate of Rs. 197 against Rs. 165 in the previous year. As regards class C embankment maintained by Government under the contract system, the actual cost of repairs was Rs. 87,075 against Rs. 99,040, showing a decrease of Rs. 11,965, the average rate per mile being Rs. 181 against Rs. 206 in the previous year.

The sums payable under contract for class C embankments compared with the maintenance charges, including book charges for Establishment and Tools and Plant, are shown in the following statement, together with the amount recovered during the year and the balance remaining to be recovered:—

YEAR.	MIDNAPORE DISTRICT.		SARAN DISTRICT.		CHAMPARAN DISTRICT.		MUZAFFARPUR DISTRICT.		TOTAL.		Recoveries.	Balance to be recovered.	Surplus.	Deficit.
	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1881-82	55,359	55,000	4,114	23,900	.....	.....	.....	.....	57,423	78,000	Details not obtainable.			
1882-83	66,320	55,000	76,838	23,900	.....	.....	.....	.....	1,43,288	78,000				
1883-84	48,398	55,000	64,271	23,900	.....	.....	.....	.....	1,15,369	78,000				
1884-85	50,168	55,000	32,059	23,900	36,039	13,000	52,987	10,415	1,07,353	1,02,315				
1885-86	52,599	55,000	18,080	23,900	10,563	13,000	14,416	10,415	95,598	1,02,315				
1886-87	40,009	55,000	18,354	23,900	10,730	13,000	14,247	10,415	84,340	1,02,315				
1887-88	45,196	55,000	34,797	23,900	23,807	13,000	17,900	10,415	1,21,840	1,02,315				
1888-89	48,121	59,000	27,449	23,900	35,507	13,000	18,719	10,415	1,20,796	1,02,315				
1889-90	41,475	55,000	33,757	23,900	57,544	13,000	18,891	10,415	1,51,007	1,02,315				
1890-91	24,165	55,000	17,348	23,900	68,540	13,000	16,595	10,415	1,25,648	1,02,315				
1891-92	20,291	55,000	31,038	23,900	63,375	13,000	9,393	10,415	1,29,907	1,02,315				
1892-93	55,087	55,000	24,536	23,900	38,548	13,000	31,770	10,415	1,40,341	1,02,315	1,04,158	42,079	.....	37,926
1893-94	73,083	55,000	30,474	23,900	30,101	13,000	16,038	10,415	1,50,590	1,02,315	1,09,048	38,007	.....	48,281
1894-95	70,635	55,207	31,880	23,900	19,244	13,000	29,211	10,415	1,50,970	1,02,612	80,638	81,324	.....	48,588
1895-96	48,713	55,207	28,957	23,900	29,561	13,000	13,359	10,415	1,20,595	1,02,612	75,592	77,827	.....	17,959
1896-97	56,548	55,607	47,370	23,900	14,243	13,000	10,666	10,415	1,28,767	1,05,612	1,26,510	58,696	.....	25,755
1897-98	42,504	55,607	31,799	23,900	14,894	13,000	14,759	10,415	1,05,947	1,03,912	1,00,334	64,625	.....	639
1898-99	81,056	55,607	29,216	23,900	9,876	13,000	17,759	10,415	1,39,107	1,04,012	1,05,225	45,324	.....	36,595
1899-1900	60,305	55,607	28,366	23,900	16,922	13,000	14,290	10,415	1,19,883	1,03,912	99,518	42,814	.....	16,871
Total	9,72,887	10,48,382	6,11,494	4,54,160	4,50,714	2,08,000	3,01,000	1,60,640	23,06,005	18,77,123	18,34,308	42,814	.....	.....

NOTE.—The figures in columns 2 to 11 are supplied by the Superintending Engineers of Public Works Department, Circles, and those in columns 12 and 13 by the Board of Revenue. The net demand of 1899-1900, as shown by the Board, is Rs. 1,42,532. It has been arrived at by adding the demand of the year 1899-1900, Rs. 1,02,975, with the arrears due from previous years, Rs. 45,323, minus the advance payment at credit, Rs. 5,966. The balance to be recovered, Rs. 42,814 (column 13), is the difference between the net demand, Rs. 1,42,532, minus the recoveries during the year, Rs. 99,518 (column 12). The difference between the maintenance charge and the contract amount (columns 10 and 11) is shown in columns 14 and 15. The total recoveries Rs. 18,34,308 (column 12), is the difference between the total contract amount, Rs. 18,77,123 (column 11) and the balance to be recovered, Rs. 42,814 (column 13). As the Board deal with the advance payment and credit, the amount of annual demand given by them differs from the contract amount supplied by Superintending Engineers.

It will be seen from the above figures that Government is, on the whole, a loser by Rs. 16,871 on the working of the year under review. The total outstanding balance to be recovered amounts to Rs. 42,814. This shows a reduction of Rs. 2,510 only in the balance (Rs. 45,324) remaining uncollected at the end of the previous year. The gradual reduction in the uncollected balance from year to year since 1894-95 may be considered fairly satisfactory, but the outstandings are still larger than it is thought they ought to be and the Board of Revenue will be addressed on the subject.

The maintenance charges during the year in all of the districts were in excess of the amounts fixed as payable under the contract system. In Midnapore the excess was Rs. 4,608, in Saran Rs. 4,466, in Champaran Rs. 3,922 and in Muzaffarpur Rs. 3,875. Since the introduction of the contract system there has been excess expenditure in Midnapore in seven years only, owing to heavy cost of repairing damages done to the embankments by high floods. In Saran, Champaran and Muzaffarpur, the expenditure has generally been in excess. It was less only in four years in Saran, three years in Champaran, and one year in Muzaffarpur, since the contract system was introduced there.

The actual outlay (inclusive of charges for establishment and tools and plant) incurred during the year on class D Embankments and sluices (Appendix C) was Rs. 27,116, and the amount outstanding from the previous year was

Rs. 27,319. Out of the total amount Rs. 54,435 the recoveries and adjustments made by the Civil Department were Rs. 10,519, the balance unadjusted at the end of the year was Rs. 43,916.

The usual statement supplied by the Board of Revenue is appended, as Appendix B. The figures therein given are shown in a more concise form in the following table. The recoverable amount of demand falling due during the year was Rs. 43,103, the amount collected inclusive of remission (Rs. 472) was Rs. 29,481; the recoveries falling short of the amount of the demand were therefore, Rs. 13,622:—

	DUE DURING THE YEAR.		FALLING DUE IN SUBSEQUENT YEARS.		TOTAL.	
	Column of Board's return.	Amount.	Column of Board's return.	Amount.	Column of Board's return.	Amount.
1	2	3	4	5	6	7
Outstanding advances ...	6	Rs. 39,469	...	Rs. 2,49,000	2	Rs. 2,88,469
Advances of the year ...	7	1,674	...	2,44,738	3	2,46,412
Interest ...	8	1,017	...	...	8	1,017
	9	937	...	...	9	937
	10	6	...	...	10	6
Total ...	...	43,103	...	4,93,738	...	5,36,841
Collections of the year, including remissions, ...	17 and 18	29,481	...	...	17 and 18	29,481
Outstanding balance ...	26	13,622	27	4,93,738	26 and 27	5,07,360
Total ...	...	43,103	...	4,93,738	...	5,36,841

11. The returns showing the amounts expended on the Agricultural public works and Miscellaneous and Sanitary improvements carried out in Government or temporarily-settled estates in Bengal by Civil Officers from the grant placed at the disposal of the Board of Revenue have been discontinued from the current year under the orders of the Government of Bengal, Revenue Department (No. 1583T.—R., dated 8th September 1900).

12. *Works undertaken under the provisions of the Drainage Act, No. VI (B.C.) of 1880.*—There are four drainage works, viz., Dankuni, Howrah, Rajapore and Barrajjolla. They all lie in the southern part of the Hooghly district in Bengal, and are in charge of the Superintending Engineer, South-Western Circle. All of them have been completed and their maintenance charges capitalized, the average annual amounts fixed for the purpose being Rs. 4,390 and Rs. 2,000 for the Dankuni and Howrah drainage projects, and Rs. 5,000 for the combined Rajapore and Barrajjolla schemes.

The areas drained and benefited by the three drainage schemes, as also the total cost, including the capitalized sum for future maintenance charges with interest apportioned by Government as recoverable from the zamindars and land-owners benefited, are shown below:—

Drainage Scheme.	Area drained. Sq. miles.	Area benefited. Sq. miles.	Total cost apportioned. Rs.
Dankuni ...	62	19	5,71,986
Howrah ...	49½	21	5,24,924
Rajapore and Barrajjolla ...	257½	65	14,51,174

The drainage works were all efficiently maintained during the year. The cost of maintenance compared with the previous year is as follows:—

	1898-99.	1899-1900.
	Rs.	Rs.
Dankuni ...	1,640	6,404
Howrah ...	1,899	1,094*
Rajapore ...	3,807	3,792*
Barrajjolla ...	943	484

* Includes Rs. 265 and Rs. 590, respectively, being portions of the Drainage, Deputy Collector's salary charged against the grants for the Howrah and Rajapore schemes.

The maintenance charges of the Howrah and Rajapore drainage schemes were less than the amounts fixed for their maintenance, but the charges of the Dankuni scheme showed an increase of Rs. 2,014. The excess was due to extensive silt clearance done during the year.

During the year no advances were made under the Drainage Act in any of the districts in the Burdwan Division.

In the Bhagalpur Division a scheme for the drainage of the marsh known as "Anno Sorobor" in Rajmahal lying to the north and west of the Tinpahar railway line was sanctioned at an estimated cost of Rs. 6,000 in Bengal Government letter No 369I., dated 20th March 1899, to be carried out under the provisions of the Bengal Drainage Act. During the year Rs. 1,321 were spent, and for realloting the balance, Rs. 4,679, for expenditure during 1900-1901, sanction of the Financial Department was asked for in Bengal Government letter No. 152T.—I.A., dated 12th September 1900.

Efficiency of the drainage works.—All drainage works were maintained in an efficient condition. There was an income of Rs. 4,730 against Rs. 3,533 in the previous year, principally derived from land, fisheries, tolls on boats, &c.

The sluices were used both for irrigation and drainage purposes, and good crops were obtained from the area assessed for the cost of the schemes.

13. *Drainage works carried out at the cost of Government, and not under the provisions of the Drainage Act.*—The outer bund of the Surpai sluice channel was cut for drainage on the 16th June, and Rs. 475 were spent on removing the earth by hand and dredger. It was reconstructed on the 26th November last, and Rs. 560 were spent on earthwork.

The Baliaghai branch drain was closed for silt clearance from 8th February to 16th June 1900 for silt clearance by hand, and Rs. 5,640 were expended against an estimate amounting to Rs. 15,131 sanctioned for the work. Some dredging was done in it before the rains and silt was removed at a cost of Rs. 328. Silt was also cleared from the Lakhi, Barunda, Akgariah, Sadar Thacoorchuck and Utterbaria, Palabonee and Kantibari Khas Tahsil khals, at an aggregate cost of Rs. 6,268. On repairs to the Bullee Bhil drainage works Rs. 1,825 were expended against Rs. 1,252 in the previous year, showing an increase of Rs. 573. The excess expenditure was due to heavy repairs to sluice regulator and escape channel. The revenue from the Bhil channel is realised by the Collector of 24-Parganas.

14. *Drainage works carried out under the provisions of the Embankment Act, No. II (B.C.) of 1882.*—The irrigation sluice at Ahmedpore, in mile 22-23 of Schedule D Embankment No. 61, in the 24-Parganas district, was completed during the year at a total cost of Rs. 6,072. The expenditure of the year was Rs. 341 only.

The Kaorotala sluice in mile 25-26 of the same embankment was completed during the year at a total cost of Rs. 6,337. The expenditure of the year was Rs. 3,594. It has been proposed to defer the construction of the sluices in the Udbadal circuit till something definite is arrived at about the drainage of the tract through the Sadar khal. It has also been decided not to construct a sluice in the 22nd mile of the Kalinagar-Hansia Embankment, as the embankment there is of very small dimension.

The reconstruction of the Rajakhali sluice was sanctioned during the year. The estimated amount of Rs. 4,447 was recovered in full from the Raja of Moissadul, and Rs. 2,500 were spent.

The re-excavation of the Protapkhali sluice channel was sanctioned by the Government of India, Finance and Commerce Department, in March 1900 under Chapter II—Loans, under the Drainage and Embankment Acts, and Rs. 16,031 were allotted as budget estimate, 1900-1901, for expenditure on the work. As a long time has elapsed since the original estimate, amounting to Rs. 12,724, was sent up for sanction, and as in the meantime a large amount of silt has deposited in the khal, necessitating the revision of the original estimate, a revised estimate is under preparation. The work will be taken in hand in February 1901, and the cost will be apportioned to the zamindars benefited under section 58 of Act II (B.C.) of 1882.

An application was received during the year from the zamindars and raiyats for remodelling the Dainan sluice, which was originally constructed for

drainage purposes, to adapt it for irrigation purposes, and the petitioners were told that the question would be considered if they were prepared to deposit the cost of remodelling the sluice, which would probably be about Rs. 2,000.

The drainage of the south-eastern portion of the 24-Parganas district is still defective. To remedy this, the Executive Engineer, Northern Drainage and Embankment Division, has induced the zamindars concerned to come forward with applications for sluices in places where drainage cuts were previously allowed. The necessary preliminaries are being carried out for the excavation of the silted channels of Arapanch, Surjipore and Patnighata sluices. The encroachment of the Bidhyadhari river at Bansra continues, and the Eastern Bengal State Railway have found it necessary to retire their line, which now runs along the crest of the retired embankment for about half-a-mile. The necessary length of embankment has been made over to them.

Thirteen cases were instituted during the year for erecting bunds within the prohibited areas of Matai, Rasalpore and Haldi rivers and on the bank of the Peechabonee khal outside the sea-dyke. Of these, convictions were obtained in 12 cases, and one case was withdrawn.

ORDER—Ordered that a copy of this Resolution and of its Appendices (A to C) be published in the supplement to the *Calcutta Gazette*, and submitted to the Government of India, Public Works Department, for information.

Ordered also that copies of the Resolution and of its Appendices (A to C) be forwarded to the Secretaries to the Government of Bengal in the Revenue and Financial Departments; Secretary to the Board of Revenue, Lower Provinces; Commissioners of the Presidency, Burdwan, Patna, Bhagalpur, Rajshahi, Dacca, Chittagong, Chota Nagpur and Orissa Divisions; Director-General of Statistics; Superintending Engineers of the Orissa, South-Western, Sone, and Northern Circles, and Examiner, Public Works Accounts, Bengal, for information.

By order of the Lieutenant-Governor of Bengal,

R. B. BUCKLEY,
Secretary to the Govt. of Bengal.

List of public Embankments in Bengal in charge of Government Officers, showing their lengths and the actual cost of repairs (without charges for Establishment) during the year 1899-1900.

NAME OF CIVIL DIVISION.	District.	MILES OF EMBANKMENTS.					Total miles of embankments.	EXPENDITURE OF THE YEAR ON WORKS AND REPAIRS.									
		Maintained at the expense of Government.		MAINTAINED AT THE EXPENSE OF THE PERSONS BENEFITED.				CLASS A.		CLASS B.		CLASS C.		CLASS D.			
				Under contract.	By annual apportionment of charges.	Total.		Total.	Rate per mile.	Total.	Rate per mile.	Contract rate.	Total.	Rate per mile.			
		Class A.	Class B.												Class C.	Class D.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Maintained under Act XXXII of 1865.	Orissa	ORISSA EMBANKMENTS.	M. FT.	M. FT.	M. FT.	M. FT.	M. FT.	M. FT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
		Balasore	60 4,592					60 4,592	11,309	186							
		Cuttack	231 3,789					231 3,789	24,636	106							
		Puri	257 1,346					257 1,346	10,506	40							
		Total Orissa Embankments	549 4,447					549 4,447	46,451	84							
	Patna	EMBANKMENTS OTHER THAN ORISSA.															
		Muzaffarpur			52 400	27 3,240	79 3,640	79 3,640					10,539	202	10,415	8,375	303
		Darbhanga				17 3,960	17 3,960	17 3,960								3,755	211
		Saran				119 4,222	119 4,222	119 4,222					29,270	109	23,000		
		Champanan			56 3,960		56 3,960	56 3,960					12,462	220	13,000		
Maintained under Act II (B.C.) of 1882.	Bhagalpur	Gaya			1 670	1 670	1 670								50	44	
		Total			228 3,302	46 2,690	275 612	275 612					43,271	190	47,315	12,180	202
		Bhagalpur				3 2,960	3 2,960	3 2,960								780	219
		Malda		2 2,204			2 2,204	2 2,204			626	259					
		Purnea		0 1,850		2 4,014	2 4,014	2 4,014			1,350	3,938				121	44
	Rajshahi	Monghyr			11 1,320	11 1,320	11 1,320	11 1,320								129	11
		Total		2 4,054		17 3,014	17 3,014	20 1,788			2,006	725				1,030	59
		Rajshahi			6 4,703			6 4,703			703	102					
		Pabna		0 5,055			0 5,055	0 5,055			86	90					
		Bogra		0 648			0 648	0 648			Nil	Nil					
Presidency	Burdwan	Total		7 5,126			7 5,126			789	100						
		Murshidabad		95 0			95 0					12,827	135				
		Nadia		0 4,000			0 4,000	0 4,000					34	45			
		24 Parganas		216 3,522		2 1,320	2 1,320	218 4,842					46,342	214		(—) 41	
		Total		312 2,242		2 1,320	2 1,320	314 3,562			59,263	189				(—) 41	
	Burdwan	Burdwan		82 1,100			82 1,100					21,146	257				
		Birbhum		3 1,320			3 1,320	3 1,320					963	278			
		Hooghly		164 3,365		6 0	6 0	170 3,365					23,846	175		390	63
		Midnapore		544 4,297	251 1,694	0 136*	251 1,830	796 847					1,07,348	197	43,804	174	55,697
		Total		794 4,802	251 1,694	6 136	257 1,839	1,052 1,352			1,58,243	189	43,804	174	55,697	410	63
Total embankments other than Orissa			1,118 384	479 4,998	72 1,780	563 1,496	1,670 1,880			2,20,241	197	87,075	181	1,03,012	13,570	188	

* Rajbundi bund maintained for the benefit of drainage of Hoodah 8 in the Cossye Division has been transferred from class C to class D Embankments.

APPENDIX B.

[COMPILED BY THE BOARD OF REVENUE.]

Return No. XXVIII, showing the demands, collections and balances on account of advances under the Embankment Act, II (B.C.) of 1882 for the year 1899-1900

DIVISIONS AND DISTRICTS.	OUTSTANDING ADVANCES.			Unrecovered interest of previous year.	CLASSIFICATION OF THE DEMAND OF THE YEAR.						COLLECTIONS.						Remissions.	BALANCES.										REMARKS.
	Total amount advanced in previous years outstanding on 1st April 1899.	Total amount advanced during the year.	Total of columns 2 and 3.		Amount due during the year out of the sum shown in column 2.	Amount due during the year out of the sum shown in column 3.	Unrecovered interest of previous years, i.e., amount shown in column 5.	Interest payable on account of sums in column 6, i.e., interest made payable with the instalments of principal, and interest chargeable during the year on failure to pay instalments on the due date.	Interest similarly payable on account of sums in column 7.	Total of five preceding columns.	On account of column 4.	On account of column 7.	On account of column 8.	On account of column 9.	On account of column 10.	Total.		Principal.			Interest.				Total of columns 21 and 25.	Not due during the year out of the total in column 4.	Received in advance during the year on account of future instalments.	
																		Due on account of column 6.	Due on account of column 7.	Total.	Due on account of column 8.	Due on account of column 9.	Due on account of column 10.	Total.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
BENGAL.																												
Burdwan Division																												
Birbhum	1,478	...	1,478	...	87	...	59	74	...	131	57	...	...	74	...	131	...	...	...	...	...	...	...	...	...	1,421	...
Midnapore	49,404	389	49,793	59	20,665	389	...	322	2	21,437	14,898	389	59	280	2	15,428	...	5,967	...	5,967	...	42	...	42	6,009	23,739	...	
Hoochly	1,774	919	2,693	12	1,706	...	12	...	...	1,718	978	...	...	...	...	987	472	256	...	256	3	...	...	3	259	987	12
Total	52,656	1,308	53,964	71	22,458	389	71	396	2	23,286	15,733	389	68	354	2	16,546	472	6,223	...	6,223	3	42	...	45	6,268	31,147	12	
Presidency Division.																												
24-Parganas	2,11,992	2,36,364	4,48,356	...	1,768	...	...	12	...	1,780	1,227	...	...	12	...	1,239	...	541	...	541	...	...	...	...	541	4,46,588	...
Total	2,11,992	2,36,364	4,48,356	...	1,768	...	...	12	...	1,780	1,227	...	...	12	...	1,239	...	541	...	541	...	...	...	...	541	4,46,588	...
BIHAR.																												
Patna Division.																												
Patna	432	115	547	32	433	115	32	...	4	553	276	43	23	...	...	292	...	206	72	278	9	...	4	13	291	...	21
Gaya ... ..	...	1	1	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Muzaffarpur	17,964	6,903	24,866	172	9,446	...	172	218	...	9,836	5,996	...	129	56	...	6,180	...	3,450	...	3,450	44	162	...	206	3,656	15,456	219	
Darbhanga	3,808	553	4,361	742	3,808	...	742	259	...	4,809	3,193	...	143	...	...	3,336	...	615	...	615	599	259	...	858	1,473	553	...
Total	22,934	7,571	29,805	946	13,686	116	946	477	4	15,229	9,415	44	294	56	...	9,809	...	4,271	72	4,343	652	421	4	1,077	5,420	16,603	232	
Rahagelpur Division.																												
Monghyr	1,507	200	1,707	...	1,507	260	...	52	...	1,819	316	58	...	52	...	436	...	1,191	202	1,393	...	...	...	...	1,393	...	13
Rahagelpur ... ..	...	802	802	...	...	802	...	...	...	...	...	...	...	...	...	802	...	...	...	...	...	...	...	...	...	...	...
Purnea	80	107	187	...	80	...	...	...	...	...	...	...	...	...	...	187	...	...	...	...	...	...	...	...	...	...	...
Malda ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,587	1,109	2,756	...	1,587	1,169	...	52	...	2,808	396	967	...	52	...	1,415	...	1,191	202	1,393	...	...	...	...	1,393	...	13
GRAND TOTAL ...	2,68,469	2,46,412	5,34,881	1,017	30,469	1,674	1,017	937	6	48,103	26,771	1,460	362	474	2	20,009	472	12,226	274	12,500	655	463	4	1,123	13,623	4,93,738	257	

APPENDIX C.

[Compiled from figures supplied by Superintending Engineers.]

Statement showing the outlay incurred, recoveries made, and balance outstanding on account of embankments and drainage works (Class D) maintained during the year 1899-1900.

Circle.	Names of embankments and drainage works.	District.	Balance at end of 1898-99.	Outlay during 1899-1900.	Total outlay to end of 1899-1900.	Amount recovered and adjusted by the Civil Department during 1899-1900.	Balance unadjusted on 31st March 1900.
1	2	3	4	5	6	7	8
	EMBANKMENTS.		Rs.	Rs.	Rs.	Rs.	Rs.
Sone ...	Dandpur embankment	Muzaffarpur ...	4	.....	4	4	.....
	Turki ditto ...	Ditto ...	7,027	10,203	17,230	7,027	10,203
	Bazitpur ditto ...	Darbhanga ...	3,010	7,783	10,793	.....	10,793
	Monghyr ditto ...	Monghyr ...	243	187	430	243	187
	Sukri ditto ...	Gaya ...	33	50	83	33	50
South-Western	Madaria khal ditto ...	Hooghly ...	958	443	1,401	413	988
	Tolly's Nala ditto ...	24-Parganas ...	479	(-) 41	438	479	(-) 41
	Petty repairs to takavi sluices.	Ditto ...	88	757	845	194	651
	Repairs to Rajbandi bund.	Midnapore ...	10	20	30	.....	30
Northern ...	Chandan Embankment	Bhagalpur ...	.....	780	780	.....	780
	Belwa ditto ...	Purnea ...	178	121	299	194	105
	Total Embankments ...	.....	12,030	20,303	32,333	8,587	23,746
	DRAINAGE WORKS.						
	Kumrool sluice channel	Hooghly ...	656	374	1,030	283	747
	Tangra-bechi sluice ...	24-Parganas ...	3,348	434	3,782	.....	3,782
	Satpukur " ...	Ditto ...	.....	247	247	.....	247
	Kulpi " ...	Ditto ...	.....	350	350	.....	350
	Bindal " ...	Ditto ...	.....	205	205	.....	205
	Ahmedpur " ...	Ditto ...	5,781	349	6,071	.....	6,071
	Kacratola " ...	Ditto ...	2,743	3,594	6,337	.....	6,337
	Tellary " ...	Ditto ...	.....	68	68	.....	68
	Churrial khal drainage works.	Ditto ...	992	1,170	2,162	992	1,170
	Daiban sluice ...	Midnapore ...	1,819*	31	1,850	657	1,193
	Total ...	.....	16,289	6,813	22,102	1,932	20,170
	GRAND TOTAL ...	.....	27,319	27,116	54,435	10,519	43,916

* Rupees 10 on account of Rajbandi bandh was included in the statement for 1898-99. It has been shown under embankments in 1899-1900.

FINAL REPORT ON THE SUGARCANE CROP
OF BENGAL, 1900.

The following report is published for general information.

F. A. SLACKE,

The 22nd January, 1901. Secy. to the Govt. of Bengal.

DEPARTMENT OF LAND RECORDS AND AGRICULTURE, BENGAL.

Final Report on the Sugarcane crop of Bengal, 1900.

Explanatory.—Reliable estimates of the amount of sugar or gur produced in the Province from other sources than cane are not yet available, and it is consequently impossible to include any statistics as to such products in this report. Some information on the subject has, however, been supplied by the local officers and entered in column 10 of Appendix I.

2. *The character of the season.*—In the preliminary forecast of this crop, which was issued by this Department on 7th August 1900, the character of the season, up to the end of

July, was fully described, and it was pointed out that the rainfall up to that date had been generally in defect throughout these Provinces. The rainfall in August was badly distributed, and was more or less deficient everywhere, except in Orissa and the adjacent districts. In September the fall was both copious and general, and in the Burdwan, Presidency, and Orissa Divisions, it was exceptionally heavy. The rains ceased rather abruptly in October, during which month there was very little rain anywhere excepting in Orissa, while in November and December there was practically no rain at all in the Province. On the whole, the monsoon conditions have not been very favourable to this crop, which has also, in a few districts, suffered to some extent from insect pests.

3. *Area sown.*—Since the submission of the preliminary forecast, the figures denoting the normal area under this crop have been revised by several District Officers, with the result that the normal area under sugarcane in this Province now stands at 903,600 acres. The figures representing the area under sugarcane, both this and last year, have also been revised by some District Officers. According to the estimates of local officers, the total area actually planted with sugarcane this year in the Province is 867,900 acres as against 884,400 acres reported last year. The decrease of 16,500 acres is said to be due to the want of sufficient rain at the time of planting the canes.

4. *The character of the crop.*—From Appendix I attached to this report, it will be seen that out of the 45 districts in these Provinces, an outturn of 100 per cent. of a normal crop, or more, is looked for this year in 17 districts, while in 14 others the outturn is estimated as between 80 and 100 per cent. The 14 remaining districts return estimates varying between 60 and 80 per cent. According to the district returns, the outturn for the Province, as a whole, comes to 91 per cent. of a normal crop. In the first forecast, issued by this Department in August last, I estimated a normal outturn for the sugarcane crop this year, but the heavy rains of September, and the subsequent dryness of the season, have altered conditions for the worse, and my present estimate of the outturn is 94 per cent. of a normal crop for the Province as a whole.

5. *Gross outturn.*—Accepting a 94 per cent. crop for the Province, the probable gross outturn of *gur* is 17,948,200 cwts. as compared with 16,343,700 cwts. produced last year.

G. C. DUTT,

*Assistant Director of the Department of
Land Records and Agriculture, Bengal.*

(Countersigned).

P. C. LYON,

*Director of the Department of
Land Records and Agriculture, Bengal.*

CALCUTTA ;

The 18th January 1901.

APPENDIX I

Final report on the Sugarcane Crop of Bengal, 1900.

DIVISION.	District.	Total area of district, in acres.	Total area estimated to be under cultivation, in acres.	Approximate normal area under sugarcane in acres.	Approximate area under sugarcane last year (1899), in acres.	Estimated area under sugarcane this year (1900), in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1899) ?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1900) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Burdwan	Burdwan ...	1,726,080	1,294,200	27,400	27,400	27,600	72	87	Owing to heavy rainfall in September, the outturn is expected to be less than that shown in the preliminary forecast. The increase in area of the current year is due to a revision of the estimate after due enquiry. The estimated amount of sugar produced from the date palm in the district is 11,242 maunds or 925,056 lbs.	
	Birbhum ...	1,121,020	900,000	9,000	7,000	8,000	61	100	In Bolepur and Suri, sugar is produced from date palm, the outturn is estimated at 3,800 lbs.	
	Bankura ...	1,677,430	842,800	15,000	17,500	15,500	88	100	Sugar produced from the date palm and other sources in the Sadar Subdivision is insignificant and in the Vishnupur Subdivision it may be estimated at 150,000 lbs. No sugar is produced in this district.	

DIVISION.	District.	Total area of district in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under sugarcane in acres.	Approximate area under sugarcane last year (1899) in acres.	Estimated area under sugarcane this year (1900) in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1899)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1900)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Burdwan— concd.	Midnapore ...	3,292,800	2,190,600	20,400	18,700	16,300	92	68	The decrease in the area under sugarcane cultivation this year is due to want of rain at the time of planting and to the fact that the cultivation is being gradually given up in the Contai Subdivision. The outturn has been very poor on account of heavy rains and floods. The area under date palm in this district is about 1,100 acres and the yield of <i>gur</i> is about 803,000 lbs.	
	Hooghly ...	1,087,360	702,300	14,500	12,800	13,700	80	75	The excessive rainfall after planting has damaged the crop to a certain extent in the Sadar, Serampore, and Uluberia Subdivisions. The outturn is therefore below the normal. There is no other source from which sugar is produced in this district.	
	24 Parganas ...	1,344,640	1,102,000	4,500	4,000	4,500	107	101	The slight decrease in the outturn is due to the heavy rainfall towards the end of September last. The rough estimate of sugar produced from the date palm is 68,525 maunds or 5,720,914 lbs.	

Presidency	Nadia	...	1,788,160	1,303,000	14,000	14,000	10,300	80	80	The decrease in the area sown this year is due to want of seasonable rain. The decrease in outturn is partly due to flood in September last and partly due to sugarcane disease. The amount of sugar produced from the date palm is estimated at 2,685,800 lbs.
	Murshidabad		1,373,440	985,600	17,000	17,000	17,000	100	69	The decrease in the estimated outturn as compared with the preliminary forecast is due to excessive rainfall and inundation in the month of September last. No sugar is produced in this district either from the date palm or from any other sources.
	Jessore	...	1,872,000	1,148,000	15,000	14,800	15,000	82	75	The excessive rainfall in the latter part of September last has damaged the sugarcane crop to a great extent and reduced the outturn. The approximate quantity of sugar produced from the date palm is roughly estimated to be 29,300 lbs.
	Khulna	...	3,103,942	870,000	3,100	3,300	3,100	88	95	.....
Rajshahi	Rajshahi	...	1,663,040	1,262,100	18,000	14,500	15,800	100	100	Sugar is not produced from the date palm and other sources in the Sadar and Nowgaon Subdivisions. In the Nator Subdivision about 900 maunds or 74,057 lbs. of sugar is estimated to be produced from the date palm.
	Dinajpur	...	2,526,080	1,687,600	24,000	30,000	30,000	100	112	Owing to timely rainfall the outturn of the sugarcane crop is likely to be above the average. No sugar is produced in this district from the date palm or any other sources.
	Jalpaiguri	...	1,894,600	1,075,000	3,100	3,200	2,900	80	60	No sugar is produced in this district from any other sources than cane.

Division.	District.	Total area of district, in acres.	Total area estimated to be under cultivation, in acres.	Approximate normal area under sugarcane in acres.	Approximate area under sugarcane last year (1899), in acres.	Estimated area under sugarcane this year (1900), in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1899)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1900)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agri. culture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Rajshahi— <i>concl.</i>	Darjeeling ...	744,960	148,000	400	200	200	100	67	.....
	Rangpur ...	2,231,040	1,602,700	24,100	22,500	23,800	97	100	The increase in the area and outturn is due to favourable rainfall. Sugar is not produced from the date palm or any other sources in this district.	
	Bogra ...	860,700	660,000	12,000	12,000	12,000	90	100	No sugar is produced from any other source.	
	Fabna ...	1,176,960	882,500	60,000	52,500	60,000	60	65	The low outturn this year is due to excessive rain during the last <i>rabi</i> season. No sugar is manufactured from the date palm or other sources.	
	Dacca ...	1,780,480	1,213,500	20,000	21,800	20,000	79	92	The difference between the outturn in this and the preliminary forecast is due to the sudden subsidence of flood and want of rain since November last. Sugar produced from the date palm is nominal. It is not manufactured from any other source.	
	Mymensingh	4,052,480	2,405,700	35,000	33,600	33,600	75	90	The crop having suffered from want of sufficient rain in the Netrokona Subdivision the outturn is estimated to be below the normal.	

Dacca ...									Sugar is not produced from the date palm in this district. The quantity of sugar produced from sugarcane and other sources is too small to be reported.
Faridpur ...	1,460,480	1,007,500	42,000	42,000	42,000	100	100	The outturn from the date palm cannot be ascertained with accuracy. The yield may be a little more than that of <i>gur</i> produced from sugarcane.	
Backergunge	3,335,360	1,408,000	20,000	20,000	20,000	100	100	The normal area has been sown this year with sugarcane, and a normal outturn is expected. The outturn for the date palm is also normal, but it is impossible to give any figure for the area covered by date palms, as they are not grown here in regular orchards, but are generally scattered among other crops or in orchards of other trees. One date palm yields about 20 seers or 41 lbs. of <i>gur</i> .	
Tippera ...	1,594,880	1,188,400	15,100	12,800	15,100	90	91	The difference of figures in columns 5, 7, and 9 as compared with those shown in the preliminary forecast is due to a clerical mistake made at the time of submitting the preliminary forecast. Sugar is not manufactured either from the date palm or from any other sources in this district.	
Chittagong ...									
Noakhali ...	1,594,880	1,188,400	900	600	400	70	80	The decrease in the current year's area is due to the revision of figures in the Feni subdivision. The yield of <i>gur</i> from the date palms in the district is 82,000 lbs. No sugar is produced from the date palm or from any other source.	
Chittagong ...	1,594,781	506,900	9,200	9,000	9,000	80	68	No sugar is manufactured in this district.	

DIVISION.	District.	Total area of district, in acres.	Total area estimated to be under cultivation, in acres.	Approximate normal area under sugarcane, in acres.	Approximate area under sugarcane last year (1899), in acres.	Estimated area under sugarcane this year (1900), in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1899) ?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1900) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agri- culture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Patna	Patna	1,333,650	933,500	3,000	3,300	3,300	92	80	Sugar is prepared from sugarcane only. The season has been generally favourable for the crop, except in the Bihar Sub-division, where some damage was done by white ants.	
	Gaya	3,015,680	2,307,500	20,000	30,500	30,000	103	100	Sugar is not produced from any other source than sugarcane in this district.	
	Shehabad	2,735,630	1,841,800	26,000	26,000	28,000	43	100	The prospects were good from the beginning, and a normal outturn is expected. No sugar is produced in this district from sources other than sugarcane.	
	Saran	1,695,067	1,382,500	40,000	48,000	47,000	100	110	There is no sugar produced in this district from any other sources than sugarcane.	
Patna	Champaran	2,239,840	1,364,000	13,000	17,500	13,000	75	75	In this district sugar is not produced from the date palm or any other sources than the cane.	